

# LABOUR FORCE

VICTORIA

EMBARGO: 11.30AM (CANBERRA TIME) THURS 12 FEB 1998

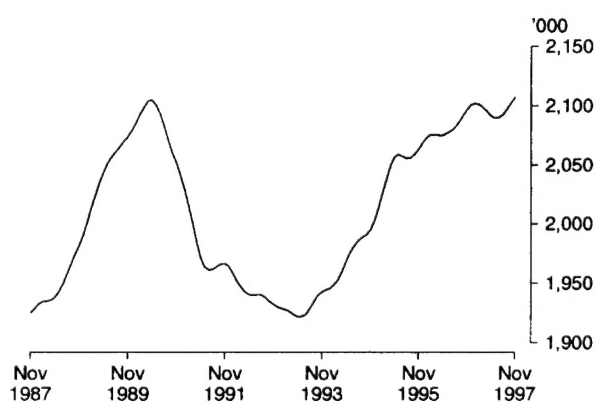
## SUMMARY OF FINDINGS

### Employment

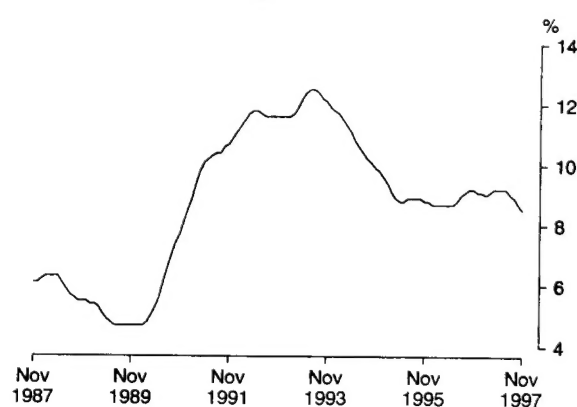
The November 1997 seasonally adjusted estimate of employed persons in Victoria was 2,117,700, a rise of 47,500 since August 1997. Male employment rose by 21,500 to 1,196,200 while female employment rose by 26,100 to 921,500 since August 1997.

The provisional trend estimates of total employment have been rising since July 1997.

EMPLOYED PERSONS: TREND SERIES, VICTORIA



UNEMPLOYMENT RATE: TREND SERIES, VICTORIA



### Unemployment

The seasonally adjusted estimate of unemployed persons in Victoria for November 1997 was 191,300, a fall of 22,100 since August 1997. The seasonally adjusted estimate of the unemployment rate was 8.3%, a fall of 1.0% since August 1997. Male unemployment fell by 11,100 to 106,800, and female unemployment fell by 11,000 to 84,500 since August 1997.

The provisional trend estimate of the unemployment rate has been falling for the last few months.

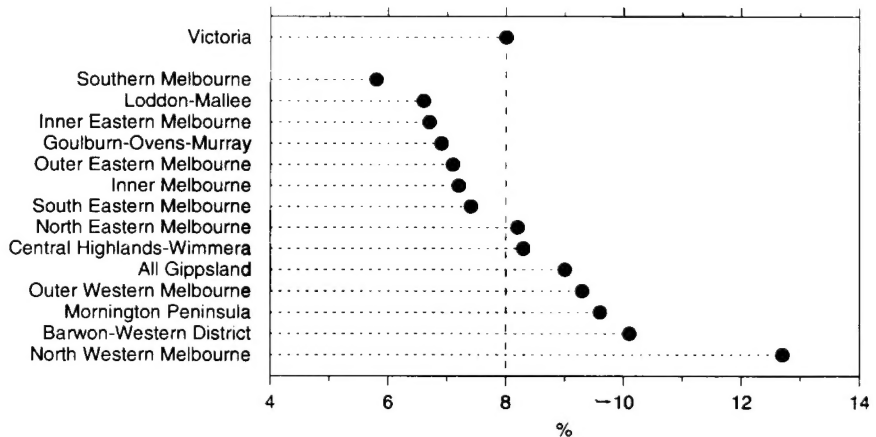
### INQUIRIES

- for further information about statistics in this publication and the availability of related unpublished statistics, please contact Rod Smith on (03) 9615 7057 or any ABS State office.
- for information about other ABS statistics and services, please contact Information Services on (03) 9615 7755 or any ABS State office.

## Regions

In November 1997, the regions inside the Melbourne Major Statistical Region with the highest unemployment rates (original series) were North Western Melbourne (12.7%) and Mornington Peninsula (9.6%). The regions outside the Melbourne Major Statistical Region with the highest unemployment rates were Barwon-Western District (10.1%) and All Gippsland (9.0%). The lowest unemployment rate recorded in any region in November 1997 was 5.8% for Southern Melbourne.

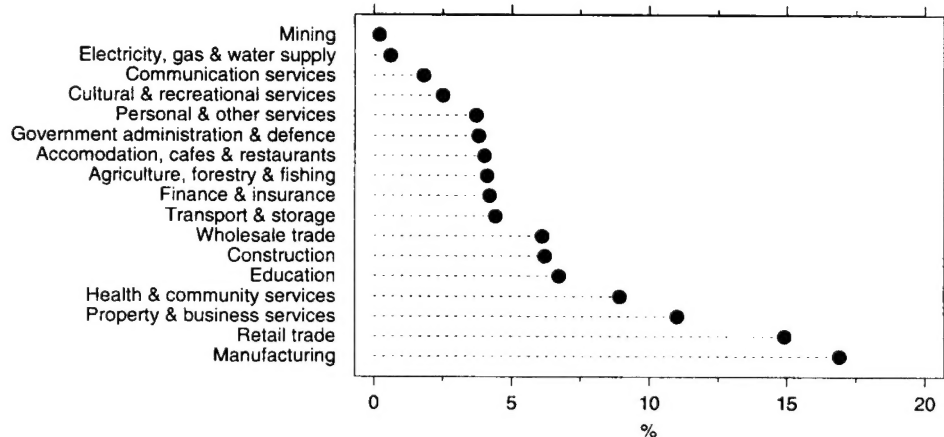
UNEMPLOYMENT RATES: ORIGINAL SERIES, LABOUR FORCE REGIONS  
VICTORIA, NOVEMBER 1997



## Industry

The two largest industries in Victoria with respect to employment were Manufacturing (357,700 employed) and Retail trade (316,200 employed). Together these industries employed 31.8% of all employed persons in Victoria in November 1997. Property and business services, and Health and community services were the next largest, with 232,200 and 188,600 employed, respectively.

DISTRIBUTION OF EMPLOYED PERSONS BY INDUSTRY: ORIGINAL SERIES  
VICTORIA, NOVEMBER 1997



## CONTENTS

		Page
	Summary of findings	1
TABLES		
Civilian population aged 15 years and over	1 Labour force status, time series, original series	4
	2 Labour force status, time series, seasonally adjusted series	5
	3 Labour force status, time series, trend series	6
	4 Labour force status, age, and attendance at an educational institution, November 1997	7
	5 Labour force status and relationship in household, November 1997	8
	6 Labour force status, birthplace, and period of arrival in Australia, November 1997	10
	7 Labour force status by regions, September 1997	11
	8 Labour force status by regions, October 1997	12
	9 Labour force status by regions, November 1997	13
	10 Labour force status and age by regions, November 1997	14
Employed persons	11 Industry and occupation by age, November 1997	18
	12 Industry and occupation by marital status, November 1997	19
	13 Average weekly hours worked by industry and occupation, November 1997	20
	14 Status in employment and average weekly hours worked, November 1997	21
Unemployed persons	15 Industry and occupation of last job, November 1997	21
	16 Duration of unemployment, November 1997	22
INFORMATION		
	Explanatory notes	23
	Glossary	32
	A Standard errors of estimates, Victorian labour force regions, from September 1992	34
	B Standard errors of estimates of monthly movements, Victorian labour force regions, from January 1993	35
	C 25% Relative Standard Error cut off levels, States and Australia, from September 1992	36
	Supplementary and Special Surveys Relating to the Labour Force	36
	Local Government Area (LGA) Composition of Dissemination Regions, Victoria, from September 1997	37
MAPS		
	Victoria, labour force dissemination regions, September 1997	38
	Melbourne, labour force dissemination regions, September 1997	39
GRAPHS		
	Employed persons: trend series, Victoria	1
	Unemployment rate: trend series, Victoria	1
	Unemployment rates: original series, labour force regions, Victoria, November 1997	2
	Distribution of employed persons by Industry: original series, Victoria, November 1997	2

**TABLE 1. CIVILIAN POPULATION AGED 15 YEARS AND OVER BY  
LABOUR FORCE STATUS, VICTORIA: ORIGINAL SERIES**

LABOUR FORCE STATUS, VICTORIA. ORIGINAL SERIES										
Month	Employed		Unemployed			Labour force ( <sup>'000</sup> )	Not in labour force ( <sup>'000</sup> )	Civilian population 15 years and over ( <sup>'000</sup> )	Unemp- loyment rate (%)	Partici- pation rate (%)
	Full-time ( <sup>'000</sup> )	Total ( <sup>'000</sup> )	Full-time ( <sup>'000</sup> )	Part-time ( <sup>'000</sup> )	Total ( <sup>'000</sup> )					
MALES										
1996 -										
September	1,040.3	1,185.8	107.8	15.6	123.3	1,309.1	454.8	1,763.9	9.4	74.2
October	1,047.5	1,185.9	101.5	15.7	117.2	1,303.1	462.5	1,765.5	9.0	73.8
November	1,049.0	1,192.4	104.1	12.3	116.4	1,308.8	458.4	1,767.2	8.9	74.1
December	1,059.4	1,201.7	103.4	16.4	119.8	1,321.5	447.4	1,768.8	9.1	74.7
1997 -										
January	1,050.9	1,184.8	108.4	16.6	125.0	1,309.8	460.3	1,770.2	9.5	74.0
February	1,049.8	1,180.9	113.2	19.2	132.4	1,313.3	458.2	1,771.5	10.1	74.1
March	1,037.5	1,184.1	104.8	20.0	124.8	1,308.9	463.9	1,772.9	9.5	73.8
April	1,044.3	1,186.3	97.1	19.3	116.5	1,302.8	472.0	1,774.8	8.9	73.4
May	1,040.9	1,183.3	101.9	13.8	115.7	1,299.0	477.7	1,776.7	8.9	73.1
June	1,033.1	1,182.8	104.0	15.8	119.8	1,302.6	476.0	1,778.6	9.2	73.2
July	1,039.7	1,185.2	98.3	14.0	112.3	1,297.5	483.0	1,780.6	8.7	72.9
August	1,022.4	1,168.7	100.2	15.2	115.4	1,284.0	498.5	1,782.5	9.0	72.0
September	1,037.0	1,189.1	100.8	22.6	123.5	1,312.6	471.9	1,784.5	9.4	73.6
October	1,043.0	1,195.9	85.9	15.2	101.1	1,297.0	489.5	1,786.5	7.8	72.6
November	1,048.8	1,194.0	89.5	15.4	104.8	1,298.8	489.6	1,788.4	8.1	72.6
FEMALES										
1996 -										
September	517.9	914.3	62.5	29.0	91.5	1,005.7	835.2	1,841.0	9.1	54.6
October	514.1	906.1	59.8	27.7	87.5	993.6	849.4	1,842.9	8.8	53.9
November	515.4	913.3	62.9	24.9	87.8	1,001.1	843.8	1,844.9	8.8	54.3
December	520.2	918.1	63.6	32.0	95.6	1,013.7	833.1	1,846.8	9.4	54.9
1997 -										
January	511.9	888.2	64.1	24.1	88.2	976.4	871.9	1,848.3	9.0	52.8
February	511.1	903.0	72.0	29.6	101.7	1,004.7	845.0	1,849.7	10.1	54.3
March	501.2	904.3	63.3	32.5	95.8	1,000.1	851.0	1,851.1	9.6	54.0
April	503.8	914.2	63.0	30.4	93.4	1,007.7	845.4	1,853.1	9.3	54.4
May	503.7	907.5	61.9	30.8	92.7	1,000.2	854.9	1,855.1	9.3	53.9
June	512.1	921.1	60.6	27.0	87.6	1,008.8	848.3	1,857.1	8.7	54.3
July	523.1	917.8	56.3	25.7	82.0	999.8	859.3	1,859.0	8.2	53.8
August	498.5	891.5	57.8	29.0	86.7	978.2	882.7	1,861.0	8.9	52.6
September	520.4	932.9	59.1	29.0	88.1	1,021.0	841.9	1,862.9	8.6	54.8
October	511.9	916.1	55.4	27.3	82.8	998.8	866.0	1,864.8	8.3	53.6
November	505.6	922.1	53.2	26.5	79.7	1,001.8	865.0	1,866.8	8.0	53.7
PERSONS										
1996 -										
September	1,558.1	2,100.0	170.3	44.5	214.8	2,314.8	1,290.0	3,604.9	9.3	64.2
October	1,561.6	2,091.9	161.3	43.4	204.7	2,296.6	1,311.8	3,608.5	8.9	63.6
November	1,564.4	2,105.7	167.0	37.2	204.2	2,309.9	1,302.2	3,612.0	8.8	63.9
December	1,579.5	2,119.8	167.0	48.4	215.4	2,335.2	1,280.5	3,615.7	9.2	64.6
1997 -										
January	1,562.8	2,073.0	172.5	40.7	213.2	2,286.2	1,332.2	3,618.4	9.3	63.2
February	1,560.9	2,084.0	185.2	48.9	234.1	2,318.0	1,303.2	3,621.2	10.1	64.0
March	1,538.7	2,088.4	168.1	52.5	220.6	2,309.0	1,315.0	3,624.0	9.6	63.7
April	1,548.1	2,100.6	160.2	49.7	209.9	2,310.5	1,317.4	3,627.9	9.1	63.7
May	1,544.6	2,090.8	163.8	44.7	208.4	2,299.2	1,332.6	3,631.8	9.1	63.3
June	1,545.2	2,103.9	164.6	42.9	207.5	2,311.4	1,324.4	3,635.7	9.0	63.6
July	1,562.8	2,103.0	154.6	39.7	194.3	2,297.3	1,342.3	3,639.6	8.5	63.1
August	1,520.9	2,060.2	157.9	44.2	202.1	2,262.3	1,381.2	3,643.5	8.9	62.1
September	1,557.5	2,122.1	159.9	51.7	211.6	2,333.6	1,313.8	3,647.4	9.1	64.0
October	1,554.8	2,111.9	141.4	42.5	183.9	2,295.8	1,355.5	3,651.3	8.0	62.9
November	1,554.4	2,116.1	142.7	41.8	184.5	2,300.6	1,354.6	3,655.2	8.0	62.9

**TABLE 2. CIVILIAN POPULATION AGED 15 YEARS AND OVER BY  
LABOUR FORCE STATUS, VICTORIA: SEASONALLY ADJUSTED SERIES**

<i>Month</i>	<i>Employed ( '000)</i>	<i>Unemployed ( '000)</i>	<i>Labour force ( '000)</i>	<i>Unemployment rate (%)</i>	<i>Participation rate (%)</i>
<b>MALES</b>					
<i>1996 -</i>					
September	1,181.9	120.9	1,302.9	9.3	73.9
October	1,185.5	121.9	1,307.4	9.3	74.1
November	1,194.8	118.5	1,313.3	9.0	74.3
December	1,185.0	120.2	1,305.2	9.2	73.8
<i>1997 -</i>					
January	1,193.5	117.5	1,311.0	9.0	74.1
February	1,182.8	120.1	1,302.9	9.2	73.5
March	1,186.5	122.3	1,308.8	9.3	73.8
April	1,187.3	120.7	1,307.9	9.2	73.7
May	1,183.5	115.7	1,299.3	8.9	73.1
June	1,182.0	126.0	1,307.9	9.6	73.5
July	1,184.1	117.3	1,301.4	9.0	73.1
August	1,174.7	117.9	1,292.6	9.1	72.5
September	1,185.5	121.0	1,306.5	9.3	73.2
October	1,195.7	104.9	1,300.6	8.1	72.8
November	1,196.2	106.8	1,303.0	8.2	72.9
<b>FEMALES</b>					
<i>1996 -</i>					
September	899.6	90.8	990.4	9.2	53.8
October	898.8	94.1	992.9	9.5	53.9
November	912.3	93.3	1,005.6	9.3	54.5
December	910.4	89.8	1,000.2	9.0	54.2
<i>1997 -</i>					
January	921.4	86.4	1,007.8	8.6	54.5
February	916.8	88.0	1,004.8	8.8	54.3
March	901.3	88.9	990.2	9.0	53.5
April	915.5	90.8	1,006.3	9.0	54.3
May	902.2	94.5	996.7	9.5	53.7
June	917.9	92.0	1,009.8	9.1	54.4
July	908.1	88.3	996.4	8.9	53.6
August	895.4	95.5	991.0	9.6	53.3
September	917.9	87.3	1,005.2	8.7	54.0
October	908.6	89.1	997.7	8.9	53.5
November	921.5	84.5	1,006.1	8.4	53.9
<b>PERSONS</b>					
<i>1996 -</i>					
September	2,081.6	211.7	2,293.3	9.2	63.6
October	2,084.3	216.0	2,300.3	9.4	63.7
November	2,107.1	211.8	2,318.9	9.1	64.2
December	2,095.4	210.0	2,305.4	9.1	63.8
<i>1997 -</i>					
January	2,114.8	203.9	2,318.8	8.8	64.1
February	2,099.6	208.1	2,307.7	9.0	63.7
March	2,087.8	211.2	2,299.0	9.2	63.4
April	2,102.8	211.5	2,314.3	9.1	63.8
May	2,085.8	210.2	2,296.0	9.2	63.2
June	2,099.9	217.9	2,317.8	9.4	63.7
July	2,092.3	205.6	2,297.9	8.9	63.1
August	2,070.2	213.4	2,283.6	9.3	62.7
September	2,103.4	208.2	2,311.6	9.0	63.4
October	2,104.3	194.0	2,298.3	8.4	62.9
November	2,117.7	191.3	2,309.1	8.3	63.2

**TABLE 3. CIVILIAN POPULATION AGED 15 YEARS AND OVER BY  
LABOUR FORCE STATUS, VICTORIA: TREND SERIES**

<i>Month</i>	<i>Employed ( '000)</i>	<i>Unemployed ( '000)</i>	<i>Labour force ( '000)</i>	<i>Unemployment rate (%)</i>	<i>Participation rate (%)</i>
<b>MALES</b>					
<i>1996 -</i>					
September	1,187.0	116.8	1,303.8	9.0	73.9
October	1,187.6	118.9	1,306.4	9.1	74.0
November	1,188.2	120.2	1,308.4	9.2	74.0
December	1,188.7	120.3	1,309.0	9.2	74.0
<i>1997 -</i>					
January	1,188.4	120.0	1,308.5	9.2	73.9
February	1,187.7	119.9	1,307.7	9.2	73.8
March	1,186.5	120.1	1,306.6	9.2	73.7
April	1,184.8	120.6	1,305.4	9.2	73.6
May	1,183.1	120.9	1,304.0	9.3	73.4
June	1,182.1	120.5	1,302.7	9.3	73.2
July	1,182.4	119.2	1,301.6	9.2	73.1
August	1,183.9	117.1	1,301.0	9.0	73.0
September	1,186.4	114.5	1,300.9	8.8	72.9
October	1,189.5	111.7	1,301.2	8.6	72.8
November	1,192.7	109.1	1,301.8	8.4	72.8
<b>FEMALES</b>					
<i>1996 -</i>					
September	899.1	92.1	991.2	9.3	53.8
October	903.7	92.5	996.2	9.3	54.1
November	908.7	91.7	1,000.3	9.2	54.2
December	912.1	90.2	1,002.4	9.0	54.3
<i>1997 -</i>					
January	913.6	89.2	1,002.7	8.9	54.3
February	913.6	88.9	1,002.5	8.9	54.2
March	912.4	89.5	1,001.9	8.9	54.1
April	910.5	90.5	1,001.0	9.0	54.0
May	908.7	91.6	1,000.3	9.2	53.9
June	907.8	92.0	999.8	9.2	53.8
July	908.0	91.6	999.6	9.2	53.8
August	909.0	90.6	999.6	9.1	53.7
September	910.4	89.4	999.8	8.9	53.7
October	912.2	88.1	1,000.3	8.8	53.6
November	914.8	86.8	1,001.6	8.7	53.7
<b>PERSONS</b>					
<i>1996 -</i>					
September	2,086.1	208.9	2,295.0	9.1	63.7
October	2,091.3	211.4	2,302.7	9.2	63.8
November	2,096.9	211.9	2,308.7	9.2	63.9
December	2,100.8	210.5	2,311.3	9.1	63.9
<i>1997 -</i>					
January	2,102.0	209.2	2,311.2	9.1	63.9
February	2,101.3	208.9	2,310.2	9.0	63.8
March	2,098.9	209.6	2,308.5	9.1	63.7
April	2,095.3	211.1	2,306.4	9.2	63.6
May	2,091.8	212.5	2,304.2	9.2	63.4
June	2,089.9	212.6	2,302.5	9.2	63.3
July	2,090.3	210.8	2,301.2	9.2	63.2
August	2,092.9	207.8	2,300.6	9.0	63.1
September	2,096.8	203.9	2,300.8	8.9	63.1
October	2,101.7	199.8	2,301.5	8.7	63.0
November	2,107.5	195.9	2,303.4	8.5	63.0

**TABLE 4. CIVILIAN POPULATION AGED 15 YEARS AND OVER BY LABOUR FORCE STATUS, AGE, AND ATTENDANCE AT AN EDUCATIONAL INSTITUTION, VICTORIA, NOVEMBER 1997**

<i>Particulars</i>	<i>Employed</i>			<i>Unemp- loyed ('000)</i>	<i>Labour force ('000)</i>	<i>Not in labour force ('000)</i>	<i>Unemp- loyment rate (%)</i>	<i>Partici- pation rate (%)</i>
	<i>Full- time ('000)</i>	<i>Part- time ('000)</i>	<i>Total ('000)</i>					
Age (years) - 15 - 19								
15 - 17	9.8	53.7	63.5	23.6	87.1	101.3	27.1	46.2
18 - 19	26.5	45.2	71.7	14.2	85.9	42.5	16.6	66.9
Attending school	*0.4	58.1	58.4	19.2	77.7	109.8	24.8	41.4
Not attending school -								
Left before 1995	*4.5	*1.3	5.8	*3.0	8.8	*3.3	*34.3	72.9
1995	14.9	11.2	26.1	*2.9	29.1	8.8	*10.1	76.9
Left from 1996 to survey date	16.5	28.4	44.8	12.6	57.4	21.9	22.0	72.4
<b>Total aged 15 - 19 years</b>	<b>36.3</b>	<b>98.9</b>	<b>135.2</b>	<b>37.8</b>	<b>173.0</b>	<b>143.7</b>	<b>21.9</b>	<b>54.6</b>
Age (years) -								
20 - 24	174.1	65.9	240.0	37.3	277.3	65.0	13.5	81.0
25 - 34	448.0	103.0	551.0	37.7	588.6	133.1	6.4	81.6
35 - 44	412.8	130.9	543.8	35.2	579.0	122.6	6.1	82.5
45 - 54	345.4	95.0	440.4	22.9	463.3	132.2	4.9	77.8
55 and over	137.8	67.9	205.8	13.6	219.4	758.0	6.2	22.4
<b>Total all ages</b>	<b>1,554.4</b>	<b>561.6</b>	<b>2,116.1</b>	<b>184.5</b>	<b>2,300.6</b>	<b>1,354.6</b>	<b>8.0</b>	<b>62.9</b>
Attending tertiary educational institution full-time								
Age (years) -								
15 - 19	*0.4	22.2	22.5	*3.4	25.9	23.3	*13.1	52.7
20 - 24	*4.3	31.9	36.2	6.6	42.8	34.3	15.4	55.5

**TABLE 5. CIVILIAN POPULATION AGED 15 YEARS AND OVER BY LABOUR FORCE STATUS AND RELATIONSHIP IN HOUSEHOLD, VICTORIA, NOVEMBER 1997**

RELATIONSHIP IN HOUSEHOLD, VICTORIA, NOVEMBER 1997									
Relationship in household	Employed			Unemp- loyed ( '000)	Labour force ( '000)	Not in labour force ( '000)	Civilian popu- lation 15 years and over ( '000)	Unemp- loyment rate (%)	Partici- pation rate (%)
	Full- time ( '000)	Part- time ( '000)	Total ( '000)						
MALES									
Family member	875.4	115.8	991.1	82.0	1,073.1	377.1	1,450.2	7.6	74.0
Husband or wife	710.2	53.1	763.3	37.8	801.1	252.8	1,054.0	4.7	76.0
With children under 15	383.1	17.0	400.1	19.5	419.6	21.2	440.8	4.6	95.2
Without children under 15	327.1	36.1	363.2	18.3	381.5	231.6	613.1	4.8	62.2
With dependants	448.7	19.8	468.5	22.1	490.6	31.8	522.3	4.5	93.9
Without dependants	261.5	33.3	294.8	15.7	310.6	221.1	531.6	5.1	58.4
Lone parent	12.5	*2.7	15.2	*1.1	16.3	9.8	26.0	*6.8	62.5
With children under 15	*4.4	*1.1	5.5	*0.6	6.0	*2.1	8.1	*9.6	74.6
With dependent students but without children under 15	*4.0	*0.3	*4.3	*0.0	*4.3	*0.8	5.1	*0.0	*84.3
Without dependants	*4.1	*1.3	5.4	*0.5	5.9	6.9	12.9	*8.9	46.2
Dependent student(a)	*1.9	39.3	41.2	12.9	54.0	76.8	130.8	23.8	41.3
Non-dependent child(b)	132.9	15.9	148.8	25.2	174.0	25.0	199.0	14.5	87.4
Other family person	17.9	4.8	22.7	5.0	27.7	12.7	40.4	18.2	68.6
Non-family member	149.9	23.8	173.7	20.9	194.6	78.8	273.4	10.8	71.2
Lone person	79.2	10.7	89.9	11.2	101.1	57.1	158.2	11.1	63.9
Not living alone	70.7	13.1	83.8	9.7	93.5	21.7	115.2	10.4	81.2
<b>Total</b>	<b>1,025.2</b>	<b>139.6</b>	<b>1,164.8</b>	<b>102.9</b>	<b>1,267.7</b>	<b>455.9</b>	<b>1,723.7</b>	<b>8.1</b>	<b>73.5</b>
Not family coded(c)	23.6	5.5	29.1	*1.9	31.1	33.7	64.8	*6.2	47.9
FEMALES									
Family member	400.5	370.6	771.1	67.7	838.8	642.5	1,481.3	8.1	56.6
Husband or wife	277.8	256.0	533.9	27.1	561.0	461.5	1,022.5	4.8	54.9
With children under 15	94.6	149.7	244.2	14.2	258.5	163.4	421.9	5.5	61.3
Without children under 15	183.3	106.3	289.6	12.9	302.5	298.1	600.6	4.3	50.4
With dependants	125.5	173.7	299.2	16.1	315.3	185.3	500.6	5.1	63.0
Without dependants	152.3	82.3	234.7	11.0	245.7	276.2	521.9	4.5	47.1
Lone parent	37.0	28.7	65.7	12.1	77.8	75.6	153.3	15.6	50.7
With children under 15	21.9	22.6	44.5	8.8	53.4	41.9	95.3	16.5	56.0
With dependent students but without children under 15	6.7	*3.3	10.0	*1.1	11.1	5.1	16.2	*10.0	68.4
Without dependants	8.4	*2.8	11.2	*2.2	13.3	28.5	41.8	*16.2	31.8
Dependent student(a)	*0.7	55.7	56.3	13.9	70.2	59.4	129.6	19.7	54.2
Non-dependent child(b)	70.7	26.3	97.0	13.0	110.1	15.9	126.0	11.8	87.4
Other family person	14.3	*3.9	18.2	*1.6	19.8	30.1	50.0	*8.2	39.7
Non-family member	91.4	33.7	125.1	10.1	135.2	159.3	294.4	7.4	45.9
Lone person	48.9	16.4	65.2	4.9	70.1	137.4	207.5	7.0	33.8
Not living alone	42.5	17.3	59.9	5.2	65.0	21.9	86.9	7.9	74.8
<b>Total</b>	<b>491.9</b>	<b>404.2</b>	<b>896.2</b>	<b>77.8</b>	<b>973.9</b>	<b>801.8</b>	<b>1,775.8</b>	<b>8.0</b>	<b>54.8</b>
Not family coded(c)	13.7	12.3	26.0	*1.9	27.9	63.1	91.0	*6.9	30.6



**TABLE 5. CIVILIAN POPULATION AGED 15 YEARS AND OVER BY LABOUR FORCE STATUS AND RELATIONSHIP IN HOUSEHOLD, VICTORIA, NOVEMBER 1997—continued**

Relationship in household	Employed			Unemp- loyed ( '000)	Labour force ( '000)	Not in labour force ( '000)	Civilian popu- lation 15 years and over ( '000)	Unemp- loyment rate (%)	Partici- pation rate (%)
	Full- time ( '000)	Part- time ( '000)	Total ( '000)						
PERSONS									
Family member	1,275.9	486.4	1,762.2	149.7	1,911.9	1,019.6	2,931.6	7.8	65.2
Husband or wife	988.0	309.2	1,297.2	64.9	1,362.1	714.3	2,076.4	4.8	65.6
With children under 15	477.7	166.7	644.4	33.7	678.1	184.6	862.7	5.0	78.6
Without children under 15	510.3	142.5	652.8	31.2	684.0	529.7	1,213.7	4.6	56.4
With dependants	574.2	193.5	767.7	38.2	805.8	217.0	1,022.9	4.7	78.8
Without dependants	413.8	115.7	529.5	26.8	556.2	497.3	1,053.5	4.8	52.8
Lone parent	49.5	31.4	80.8	13.2	94.0	85.3	179.4	14.0	52.4
With children under 15	26.3	23.7	50.0	9.4	59.4	44.0	103.4	15.8	57.5
With dependent students but without children under 15	10.7	*3.6	14.3	*1.1	15.4	5.9	21.3	*7.2	72.2
Without dependants	12.5	*4.1	16.6	*2.7	19.3	35.4	54.7	*14.0	35.2
Dependent student(a)	*2.5	94.9	97.5	26.7	124.2	136.2	260.3	21.5	47.7
Non-dependent child(b)	203.6	42.3	245.8	38.2	284.1	41.0	325.0	13.5	87.4
Other family person	32.3	8.6	40.9	6.7	47.6	42.8	90.4	14.0	52.6
Non-family member	241.3	57.4	298.8	31.0	329.8	238.1	567.9	9.4	58.1
Lone person	128.1	27.1	155.1	16.1	171.2	194.5	365.7	9.4	46.8
Not living alone	113.2	30.4	143.6	14.9	158.5	43.7	202.2	9.4	78.4
<b>Total</b>	<b>1,517.2</b>	<b>543.8</b>	<b>2,061.0</b>	<b>180.7</b>	<b>2,241.7</b>	<b>1,257.7</b>	<b>3,499.4</b>	<b>8.1</b>	<b>64.1</b>
Not family coded(c)	37.3	17.8	55.1	*3.8	58.9	96.9	155.8	*6.5	37.8

(a) Excludes persons aged 20-24 attending school. Also excludes sons or daughters aged 15-24 who are classified as husbands, wives or lone parents. (b) Aged 15 and over. (c) Includes usual residents of a household where relationship was not determined, visitors to private dwellings, and persons enumerated in non-private dwellings.

**TABLE 6. CIVILIAN POPULATION AGED 15 YEARS AND OVER BY LABOUR FORCE STATUS, BIRTHPLACE, AND PERIOD OF ARRIVAL IN AUSTRALIA, VICTORIA, NOVEMBER 1997**

<i>Birthplace particulars</i>	<i>Employed</i>			<i>Unemp- loyed ( '000)</i>	<i>Labour force ( '000)</i>	<i>Not in labour force ( '000)</i>	<i>Unemp- loyment rate (%)</i>	<i>Partici- pation rate (a) (%)</i>
	<i>Full- time ( '000)</i>	<i>Part- time ( '000)</i>	<i>Total ( '000)</i>					
Born in Australia	1,136.0	447.2	1,583.2	128.9	1,712.1	829.2	7.5	67.4
Born outside Australia —								
Africa	9.4	*3.6	13.0	*2.2	15.2	10.6	*14.4	58.9
America	12.7	*4.1	16.8	*0.5	17.3	8.9	*3.1	66.0
Southeast Asia —	57.5	11.7	69.2	9.7	78.9	42.5	12.4	65.0
Malaysia	10.0	*2.0	12.0	*0.5	12.5	6.2	*4.0	67.0
Viet Nam	23.7	*2.9	26.7	5.3	32.0	19.7	16.7	61.9
Other Southeast Asia	23.8	6.7	30.5	*3.9	34.5	16.6	*11.4	67.4
Northeast Asia	18.9	6.1	25.0	*1.3	26.3	27.7	*5.0	48.8
Southern Asia	20.6	6.7	27.3	*4.0	31.2	19.2	*12.7	62.0
The Middle East and North Africa	18.6	*4.3	22.9	6.0	28.9	31.4	20.6	47.9
Europe —	251.1	69.1	320.3	27.5	347.8	316.9	7.9	52.3
Germany	13.9	*3.4	17.4	*0.9	18.3	17.5	*5.1	51.1
Greece	21.4	6.5	27.9	*3.1	31.0	37.9	*9.9	45.0
Italy	28.6	6.4	35.0	*3.4	38.4	57.5	*8.9	40.0
Malta	6.9	*2.5	9.4	*0.3	9.7	13.2	*2.7	42.3
Netherlands	11.6	*1.9	13.5	*0.8	14.3	13.6	*5.7	51.2
Poland	7.6	*2.9	10.4	*0.5	11.0	14.6	*4.9	42.8
UK and Ireland	101.8	33.5	135.3	9.0	144.3	88.9	6.3	61.9
Former Yugoslav Republics	33.5	5.2	38.7	5.6	44.3	33.6	12.6	56.8
Other Europe	26.0	6.8	32.8	*3.9	36.7	40.0	*10.7	47.8
Oceania —	29.7	8.8	38.4	*4.3	42.7	10.2	*10.1	80.8
New Zealand	23.2	7.8	31.0	*3.5	34.4	7.7	*10.1	81.8
Other Oceania	6.5	*1.0	7.5	*0.8	8.3	*2.5	*10.0	76.8
Main English speaking countries (b)	134.0	45.5	179.5	12.8	192.3	104.4	6.6	64.8
Other than main English speaking countries	284.4	69.0	353.4	42.8	396.2	363.1	10.8	52.2
Period of arrival —								
Before 1961	71.4	20.1	91.5	5.5	97.0	173.6	5.7	35.8
1961 - 1965	37.9	12.4	50.3	*2.2	52.5	55.9	*4.2	48.4
1966 - 1970	70.8	13.3	84.1	6.2	90.3	55.5	6.9	61.9
1971 - 1975	45.3	11.5	56.8	*4.4	61.2	29.5	*7.1	67.4
1976 - 1980	42.3	8.3	50.6	*3.4	54.0	23.5	*6.2	69.6
1981 - 1985	47.5	16.3	63.8	5.5	69.3	27.9	8.0	71.3
1986 - 1990	61.2	15.9	77.1	10.3	87.5	42.0	11.8	67.5
1991 - 1995	28.8	10.5	39.2	12.2	51.4	34.1	23.7	60.1
1996 to survey date	13.3	6.2	19.4	5.9	25.3	25.3	23.3	50.0
<b>Total overseas born</b>	<b>418.4</b>	<b>114.4</b>	<b>532.9</b>	<b>55.6</b>	<b>588.5</b>	<b>467.4</b>	<b>9.4</b>	<b>55.7</b>

(a) Because it is not practicable to ascertain the birthplace of persons in institutions (who are classified as 'not in the labour force'), labour force participation rates for persons classified by birthplace are calculated by using population estimates which exclude those in institutions. (b) Comprises Canada, New Zealand, South Africa, United Kingdom and Ireland, United States of America.

**TABLE 7. CIVILIAN POPULATION AGED 15 YEARS AND OVER BY LABOUR FORCE STATUS,  
VICTORIAN REGIONS, SEPTEMBER 1997**

VICTORIAN REGIONS, SEPTEMBER 1997								
Region	Employed			Unemp- loyed ('000)	Labour force ('000)	Not in labour force ('000)	Unemp- loyment rate (%)	Partici- pation rate (%)
	Full- time ('000)	Part- time ('000)	Total ('000)					
MALES								
Melbourne MSR-	767.3	108.1	875.4	85.3	960.6	327.0	8.9	74.6
North Western Melbourne	59.0	9.0	68.0	10.0	77.9	30.9	12.8	71.6
Outer Western Melbourne	112.5	13.3	125.8	17.2	143.0	55.6	12.0	72.0
Inner Melbourne	51.9	9.0	60.9	6.6	67.6	26.4	9.8	71.9
North Eastern Melbourne	93.0	11.9	104.9	12.4	117.3	44.0	10.5	72.7
Inner Eastern Melbourne	129.4	23.6	153.1	8.2	161.3	60.4	5.1	72.7
Southern Melbourne	87.7	13.0	100.7	8.1	108.8	31.8	7.4	77.4
Outer Eastern Melbourne	89.9	11.6	101.5	8.8	110.3	27.1	8.0	80.3
South Eastern Melbourne	87.3	7.8	95.1	8.0	103.0	25.6	7.7	80.1
Mornington Peninsula	56.5	8.9	65.4	6.1	71.5	25.2	8.5	74.0
Balance of Victoria MSR-	269.7	44.0	313.8	38.2	352.0	144.9	10.9	70.8
Barwon-Western District	75.0	11.6	86.6	12.2	98.8	38.8	12.4	71.8
Central Highlands-Wimmera	43.3	8.5	51.8	6.4	58.2	21.3	11.0	73.2
Loddon-Mallee	53.2	8.1	61.3	7.1	68.3	32.6	10.4	67.7
Goulburn-Ovens-Murray	62.8	9.7	72.5	6.1	78.5	25.8	7.7	75.3
All Gippsland	35.5	6.2	41.6	6.5	48.1	26.4	13.5	64.6
<b>Total</b>	<b>1,037.0</b>	<b>152.1</b>	<b>1,189.1</b>	<b>123.5</b>	<b>1,312.6</b>	<b>471.9</b>	<b>9.4</b>	<b>73.6</b>
FEMALES								
Melbourne MSR-	406.9	287.8	694.8	61.6	756.4	595.3	8.1	56.0
North Western Melbourne	28.6	17.6	46.2	5.6	51.7	49.6	10.7	51.0
Outer Western Melbourne	61.6	38.2	99.8	13.1	112.9	94.0	11.6	54.6
Inner Melbourne	41.2	19.7	60.9	*3.2	64.1	41.2	*4.9	60.9
North Eastern Melbourne	52.0	31.5	83.5	8.1	91.6	77.0	8.9	54.3
Inner Eastern Melbourne	76.5	50.5	127.0	7.4	134.4	104.6	5.5	56.2
Southern Melbourne	52.1	37.1	89.2	7.9	97.1	75.3	8.1	56.3
Outer Eastern Melbourne	34.5	41.5	76.0	4.6	80.6	52.8	5.7	60.4
South Eastern Melbourne	36.5	27.2	63.8	7.5	71.3	55.4	10.6	56.3
Mornington Peninsula	24.0	24.4	48.4	4.3	52.7	45.3	8.2	53.8
Balance of Victoria MSR-	113.5	124.7	238.1	26.4	264.6	246.6	10.0	51.8
Barwon-Western District	33.4	33.1	66.6	11.8	78.4	62.6	15.1	55.6
Central Highlands-Wimmera	15.1	24.8	39.9	5.0	44.9	38.8	11.1	53.6
Loddon-Mallee	21.3	25.0	46.3	*3.5	49.8	55.1	*7.0	47.4
Goulburn-Ovens-Murray	28.3	24.5	52.8	*2.8	55.7	54.2	*5.1	50.7
All Gippsland	15.3	17.3	32.6	*3.3	35.9	35.9	*9.2	50.0
<b>Total</b>	<b>520.4</b>	<b>412.5</b>	<b>932.9</b>	<b>88.1</b>	<b>1,021.0</b>	<b>841.9</b>	<b>8.6</b>	<b>54.8</b>
PERSONS								
Melbourne MSR-	1,174.2	395.9	1,570.1	146.9	1,717.0	922.2	8.6	65.1
North Western Melbourne	87.6	26.6	114.1	15.5	129.7	80.6	12.0	61.7
Outer Western Melbourne	174.1	51.5	225.6	30.3	255.9	149.6	11.8	63.1
Inner Melbourne	93.1	28.7	121.8	9.8	131.6	67.6	7.4	66.1
North Eastern Melbourne	145.0	43.4	188.4	20.5	208.9	121.1	9.8	63.3
Inner Eastern Melbourne	205.9	74.2	280.1	15.6	295.7	165.1	5.3	64.2
Southern Melbourne	139.8	50.2	189.9	16.0	205.9	107.1	7.7	65.8
Outer Eastern Melbourne	124.3	53.1	177.5	13.4	190.9	79.8	7.0	70.5
South Eastern Melbourne	123.8	35.0	158.9	15.5	174.3	81.0	8.9	68.3
Mornington Peninsula	80.5	33.3	113.8	10.4	124.2	70.5	8.4	63.8
Balance of Victoria MSR-	383.2	168.7	551.9	64.7	616.6	391.5	10.5	61.2
Barwon-Western District	108.4	44.7	153.2	24.0	177.2	101.4	13.6	63.6
Central Highlands-Wimmera	58.4	33.3	91.7	11.4	103.1	60.1	11.1	63.2
Loddon-Mallee	74.5	33.0	107.5	10.6	118.1	87.7	9.0	57.4
Goulburn-Ovens-Murray	91.1	34.2	125.3	8.9	134.2	80.0	6.6	62.7
All Gippsland	50.8	23.5	74.2	9.8	84.0	62.3	11.6	57.4
<b>Total</b>	<b>1,557.5</b>	<b>564.6</b>	<b>2,122.1</b>	<b>211.6</b>	<b>2,333.6</b>	<b>1,313.8</b>	<b>9.1</b>	<b>64.0</b>

**TABLE 8. CIVILIAN POPULATION AGED 15 YEARS AND OVER BY LABOUR FORCE STATUS,  
VICTORIAN REGIONS, OCTOBER 1997**

VICTORIAN REGIONS, OCTOBER 1997								
Region	Employed			Unemp- loyed ('000)	Labour force ('000)	Not in labour force ('000)	Unemp- loyment rate (%)	Partici- pation rate (%)
	Full- time ('000)	Part- time ('000)	Total ('000)					
MALES								
Melbourne MSR-	771.7	106.9	878.6	69.4	948.0	341.7	7.3	73.5
North Western Melbourne	52.6	8.1	60.7	9.3	70.0	29.9	13.3	70.0
Outer Western Melbourne	116.1	15.3	131.4	13.1	144.5	57.0	9.0	71.7
Inner Melbourne	52.5	9.4	61.9	4.8	66.7	27.2	7.2	71.0
North Eastern Melbourne	96.1	11.8	107.9	11.1	119.0	45.1	9.4	72.2
Inner Eastern Melbourne	131.5	23.8	155.3	6.9	162.3	61.1	4.3	72.6
Southern Melbourne	90.1	11.8	101.9	5.5	107.4	36.5	5.1	74.6
Outer Eastern Melbourne	88.8	11.6	100.4	5.9	106.3	32.0	5.6	76.9
South Eastern Melbourne	89.3	9.5	98.8	6.9	105.8	25.7	6.6	80.5
Mornington Peninsula	54.6	5.7	60.3	5.8	66.1	27.1	8.8	71.0
Balance of Victoria MSR-	271.3	46.0	317.3	31.7	349.0	147.8	9.1	70.2
Barwon-Western District	72.0	14.0	86.0	8.9	95.0	39.2	9.4	70.8
Central Highlands-Wimmera	45.1	8.4	53.5	*4.6	58.1	23.3	*7.9	71.4
Loddon-Mallee	56.3	9.6	65.9	7.0	72.9	33.1	9.6	68.8
Goulburn-Ovens-Murray	61.7	10.2	71.9	6.0	77.9	26.9	7.7	74.3
All Gippsland	36.1	*3.8	39.9	5.2	45.1	25.4	11.5	64.0
<b>Total</b>	<b>1,043.0</b>	<b>152.9</b>	<b>1,195.9</b>	<b>101.1</b>	<b>1,297.0</b>	<b>489.5</b>	<b>7.8</b>	<b>72.6</b>
FEMALES								
Melbourne MSR-	401.7	281.7	683.3	58.8	742.2	611.6	7.9	54.8
North Western Melbourne	26.7	15.7	42.4	4.0	46.3	49.1	8.6	48.6
Outer Western Melbourne	61.4	40.9	102.2	12.2	114.5	98.0	10.7	53.9
Inner Melbourne	40.1	17.3	57.4	*3.0	60.4	40.9	*5.0	59.6
North Eastern Melbourne	49.8	34.2	83.9	4.9	88.8	81.5	5.5	52.1
Inner Eastern Melbourne	79.2	48.0	127.2	8.6	135.8	107.2	6.4	55.9
Southern Melbourne	55.8	35.5	91.2	7.5	98.7	75.8	7.6	56.6
Outer Eastern Melbourne	30.2	38.8	69.1	6.5	75.6	54.6	8.6	58.0
South Eastern Melbourne	35.7	28.7	64.4	6.9	71.3	58.3	9.7	55.0
Mornington Peninsula	22.8	22.7	45.5	5.2	50.7	46.2	10.2	52.3
Balance of Victoria MSR-	110.2	122.6	232.7	23.9	256.7	254.4	9.3	50.2
Barwon-Western District	29.8	33.2	63.1	8.6	71.6	62.0	12.0	53.6
Central Highlands-Wimmera	14.8	25.9	40.7	5.8	46.5	39.3	12.5	54.2
Loddon-Mallee	23.4	23.4	46.8	*3.2	50.0	58.2	*6.4	46.2
Goulburn-Ovens-Murray	27.5	23.4	50.9	*3.3	54.2	58.0	*6.1	48.3
All Gippsland	14.7	16.6	31.3	*3.0	34.3	36.9	*8.8	48.2
<b>Total</b>	<b>511.9</b>	<b>404.2</b>	<b>916.1</b>	<b>82.8</b>	<b>998.8</b>	<b>866.0</b>	<b>8.3</b>	<b>53.6</b>
PERSONS								
Melbourne MSR-	1,173.4	388.6	1,561.9	128.2	1,690.2	953.3	7.6	63.9
North Western Melbourne	79.2	23.8	103.0	13.3	116.3	79.0	11.4	59.5
Outer Western Melbourne	177.5	56.2	233.7	25.3	259.0	155.0	9.8	62.6
Inner Melbourne	92.6	26.7	119.3	7.8	127.1	68.1	6.1	65.1
North Eastern Melbourne	145.9	45.9	191.8	16.1	207.9	126.6	7.7	62.1
Inner Eastern Melbourne	210.7	71.8	282.5	15.6	298.1	168.4	5.2	63.9
Southern Melbourne	145.9	47.3	193.1	13.0	206.1	112.3	6.3	64.7
Outer Eastern Melbourne	119.1	50.4	169.5	12.4	181.9	86.6	6.8	67.7
South Eastern Melbourne	125.1	38.1	163.2	13.9	177.1	83.9	7.8	67.8
Mornington Peninsula	77.4	28.4	105.8	11.0	116.8	73.2	9.4	61.5
Balance of Victoria MSR-	381.5	168.6	550.0	55.6	605.7	402.2	9.2	60.1
Barwon-Western District	101.9	47.2	149.1	17.5	166.6	101.2	10.5	62.2
Central Highlands-Wimmera	59.9	34.3	94.2	10.4	104.6	62.6	10.0	62.6
Loddon-Mallee	79.7	33.1	112.7	10.2	123.0	91.3	8.3	57.4
Goulburn-Ovens-Murray	89.2	33.6	122.8	9.3	132.1	84.9	7.0	60.9
All Gippsland	50.8	20.4	71.2	8.2	79.5	62.3	10.3	56.1
<b>Total</b>	<b>1,554.8</b>	<b>557.1</b>	<b>2,111.9</b>	<b>183.9</b>	<b>2,295.8</b>	<b>1,355.5</b>	<b>8.0</b>	<b>62.9</b>

**TABLE 9. CIVILIAN POPULATION AGED 15 YEARS AND OVER BY LABOUR FORCE STATUS,  
VICTORIAN REGIONS, NOVEMBER 1997**

VICTORIAN REGIONS, NOVEMBER 1997								
Region	Employed			Unemp- loyed ('000)	Labour force ('000)	Not in labour force ('000)	Unemp- loyment rate (%)	Partici- pation rate (%)
	Full- time ('000)	Part- time ('000)	Total ('000)					
MALES								
Melbourne MSR-	771.5	102.4	874.0	78.5	952.5	339.2	8.2	73.7
North Western Melbourne	54.1	8.4	62.5	11.5	74.0	28.4	15.6	72.3
Outer Western Melbourne	116.6	14.5	131.1	13.7	144.7	59.5	9.4	70.9
Inner Melbourne	52.3	8.4	60.6	6.1	66.7	24.6	9.1	73.0
North Eastern Melbourne	96.6	11.2	107.8	11.3	119.1	46.3	9.5	72.0
Inner Eastern Melbourne	126.6	22.2	148.8	10.2	159.0	61.9	6.4	72.0
Southern Melbourne	89.9	10.1	100.0	5.6	105.5	38.1	5.3	73.5
Outer Eastern Melbourne	88.8	12.1	100.9	6.5	107.4	30.1	6.0	78.1
South Eastern Melbourne	90.3	10.3	100.5	8.2	108.7	23.9	7.5	82.0
Mornington Peninsula	56.5	5.3	61.8	5.6	67.4	26.4	8.3	71.8
Balance of Victoria MSR-	277.3	42.7	320.0	26.3	346.3	150.4	7.6	69.7
Barwon-Western District	70.0	10.6	80.5	9.5	90.0	41.4	10.5	68.5
Central Highlands-Wimmera	44.1	11.8	55.9	*4.2	60.2	21.9	*7.0	73.3
Loddon-Mallee	63.0	7.2	70.2	5.0	75.2	33.7	6.6	69.0
Goulburn-Ovens-Murray	62.9	9.7	72.5	*3.6	76.2	29.5	*4.8	72.0
All Gippsland	37.4	*3.4	40.7	*4.0	44.7	23.8	*8.9	65.2
<b>Total</b>	<b>1,048.8</b>	<b>145.1</b>	<b>1,194.0</b>	<b>104.8</b>	<b>1,298.8</b>	<b>489.6</b>	<b>8.1</b>	<b>72.6</b>
FEMALES								
Melbourne MSR-	397.7	290.5	688.2	56.4	744.7	611.1	7.6	54.9
North Western Melbourne	32.8	16.3	49.2	4.7	53.9	45.7	8.8	54.1
Outer Western Melbourne	57.6	40.6	98.3	9.7	108.0	105.4	9.0	50.6
Inner Melbourne	35.5	18.6	54.1	*2.8	57.0	39.9	*4.9	58.8
North Eastern Melbourne	50.9	33.8	84.7	5.8	90.5	83.3	6.4	52.1
Inner Eastern Melbourne	76.1	50.7	126.8	9.5	136.3	104.6	7.0	56.6
Southern Melbourne	53.2	39.6	92.8	6.4	99.2	78.5	6.4	55.8
Outer Eastern Melbourne	33.1	39.3	72.4	6.7	79.1	56.1	8.5	58.5
South Eastern Melbourne	38.0	28.3	66.3	5.1	71.5	55.4	7.2	56.4
Mornington Peninsula	20.5	23.2	43.6	5.6	49.3	42.3	11.4	53.8
Balance of Victoria MSR-	107.9	126.0	233.9	23.2	257.1	253.9	9.0	50.3
Barwon-Western District	27.2	33.4	60.5	6.3	66.9	61.7	9.4	52.0
Central Highlands-Wimmera	16.0	24.2	40.2	*4.5	44.8	42.1	*10.1	51.5
Loddon-Mallee	24.1	23.3	47.3	*3.3	50.7	59.9	*6.6	45.8
Goulburn-Ovens-Murray	24.7	27.8	52.5	5.7	58.2	54.0	9.8	51.9
All Gippsland	15.9	17.4	33.3	*3.3	36.6	36.2	*9.1	50.3
<b>Total</b>	<b>505.6</b>	<b>416.5</b>	<b>922.1</b>	<b>79.7</b>	<b>1,001.8</b>	<b>865.0</b>	<b>8.0</b>	<b>53.7</b>
PERSONS								
Melbourne MSR-	1,169.3	392.9	1,562.2	135.0	1,697.2	950.4	8.0	64.1
North Western Melbourne	86.9	24.7	111.7	16.3	127.9	74.1	12.7	63.3
Outer Western Melbourne	174.2	55.1	229.3	23.4	252.7	164.8	9.3	60.5
Inner Melbourne	87.8	27.0	114.8	8.9	123.7	64.6	7.2	65.7
North Eastern Melbourne	147.5	45.0	192.5	17.1	209.6	129.6	8.2	61.8
Inner Eastern Melbourne	202.7	72.9	275.6	19.7	295.3	166.6	6.7	63.9
Southern Melbourne	143.1	49.7	192.8	11.9	204.7	116.6	5.8	63.7
Outer Eastern Melbourne	121.9	51.4	173.3	13.2	186.5	86.2	7.1	68.4
South Eastern Melbourne	128.3	38.6	166.9	13.3	180.2	79.3	7.4	69.4
Mornington Peninsula	77.0	28.5	105.4	11.2	116.6	68.7	9.6	62.9
Balance of Victoria MSR-	385.2	168.7	553.9	49.5	603.4	404.3	8.2	59.9
Barwon-Western District	97.1	43.9	141.1	15.8	156.9	103.1	10.1	60.3
Central Highlands-Wimmera	60.1	36.0	96.2	8.7	104.9	64.0	8.3	62.1
Loddon-Mallee	87.1	30.5	117.6	8.3	125.9	93.6	6.6	57.4
Goulburn-Ovens-Murray	87.5	37.5	125.0	9.3	134.3	83.6	6.9	61.6
All Gippsland	53.3	20.8	74.1	7.3	81.4	60.0	9.0	57.6
<b>Total</b>	<b>1,554.4</b>	<b>561.6</b>	<b>2,116.1</b>	<b>184.5</b>	<b>2,300.6</b>	<b>1,354.6</b>	<b>8.0</b>	<b>62.9</b>

**TABLE 10. CIVILIAN POPULATION AGED 15 YEARS AND OVER BY  
LABOUR FORCE STATUS AND AGE,  
VICTORIAN REGIONS, NOVEMBER 1997**

Age (years)	Males				Females				Persons			
	Employed ( <i>'000</i> )	Labour force ( <i>'000</i> )	Not in labour force ( <i>'000</i> )	Partici- pation rate (%)	Employed ( <i>'000</i> )	Labour force ( <i>'000</i> )	Not in labour force ( <i>'000</i> )	Partici- pation rate (%)	Employed ( <i>'000</i> )	Labour force ( <i>'000</i> )	Not in labour force ( <i>'000</i> )	Partici- pation rate (%)
<b>NORTH WESTERN MELBOURNE</b>												
15 - 24	12.4	17.5	5.1	77.3	9.2	11.6	4.8	70.8	21.7	29.1	9.9	74.5
25 - 34	20.2	23.2	*0.8	96.6	15.4	16.7	6.4	72.3	35.6	39.9	7.2	84.7
35 - 44	13.3	14.4	*1.1	92.8	14.2	15.0	5.6	72.7	27.5	29.4	6.8	81.3
45 - 54	9.5	11.3	*2.0	84.8	8.5	8.5	4.6	65.0	18.0	19.8	6.6	74.9
55 and over	7.2	7.7	19.3	28.5	*1.7	*2.0	24.2	*7.6	8.9	9.7	43.5	18.2
<b>Total</b>	<b>62.5</b>	<b>74.0</b>	<b>28.4</b>	<b>72.3</b>	<b>49.2</b>	<b>53.9</b>	<b>45.7</b>	<b>54.1</b>	<b>111.7</b>	<b>127.9</b>	<b>74.1</b>	<b>63.3</b>
<b>OUTER WESTERN MELBOURNE</b>												
15 - 24	18.2	22.1	11.2	66.4	21.0	24.0	12.7	65.3	39.1	46.1	23.9	65.8
25 - 34	42.6	46.8	3.2	93.6	29.2	31.3	17.3	64.5	71.8	78.1	20.5	79.2
35 - 44	33.2	36.2	3.6	91.0	24.1	27.4	9.9	73.5	57.3	63.6	13.5	82.5
45 - 54	24.8	26.3	2.9	90.0	19.7	20.8	12.6	62.4	44.5	47.1	15.5	75.3
55 and over	12.3	13.4	38.6	25.8	4.2	4.4	52.9	7.7	16.5	17.8	91.5	16.3
<b>Total</b>	<b>131.1</b>	<b>144.7</b>	<b>59.5</b>	<b>70.9</b>	<b>98.3</b>	<b>108.0</b>	<b>105.4</b>	<b>50.6</b>	<b>229.3</b>	<b>252.7</b>	<b>164.8</b>	<b>60.5</b>
<b>INNER MELBOURNE</b>												
15 - 24	6.1	7.4	6.3	54.3	8.9	9.8	4.6	68.3	14.9	17.3	10.8	61.5
25 - 34	25.3	28.3	*1.9	93.8	21.9	23.2	6.7	77.7	47.2	51.5	8.5	85.8
35 - 44	14.1	14.9	*1.4	91.5	10.2	10.2	4.5	69.1	24.3	25.1	5.9	80.9
45 - 54	8.8	9.7	*2.1	82.1	8.4	9.0	4.0	69.0	17.2	18.7	6.1	75.2
55 and over	6.4	6.4	13.0	32.9	4.8	4.8	20.1	19.3	11.2	11.2	33.1	25.2
<b>Total</b>	<b>60.6</b>	<b>66.7</b>	<b>24.6</b>	<b>73.0</b>	<b>54.1</b>	<b>57.0</b>	<b>39.9</b>	<b>58.8</b>	<b>114.8</b>	<b>123.7</b>	<b>64.6</b>	<b>65.7</b>
<b>NORTH EASTERN MELBOURNE</b>												
15 - 24	14.7	17.4	10.9	61.5	17.8	20.1	9.1	68.8	32.4	37.6	20.0	65.2
25 - 34	28.0	32.0	*3.3	90.6	22.2	23.3	10.0	69.9	50.2	55.3	13.4	80.5
35 - 44	32.7	35.4	*2.0	94.8	24.9	26.0	11.5	69.2	57.5	61.4	13.5	82.0
45 - 54	22.7	24.2	4.7	83.8	15.8	16.9	9.9	63.0	38.6	41.1	14.6	73.8
55 and over	9.7	10.0	25.4	28.2	4.0	4.2	42.7	9.0	13.7	14.2	68.1	17.3
<b>Total</b>	<b>107.8</b>	<b>119.1</b>	<b>46.3</b>	<b>72.0</b>	<b>84.7</b>	<b>90.5</b>	<b>83.3</b>	<b>52.1</b>	<b>192.5</b>	<b>209.6</b>	<b>129.6</b>	<b>61.8</b>
<b>INNER EASTERN MELBOURNE</b>												
15 - 24	21.5	26.0	17.1	60.3	27.5	32.0	15.2	67.8	49.0	58.0	32.3	64.2
25 - 34	34.7	36.3	*2.7	93.1	32.0	32.8	9.5	77.5	66.7	69.1	12.2	85.0
35 - 44	37.5	39.8	*2.2	94.7	27.4	29.8	11.3	72.6	64.9	69.6	13.5	83.8
45 - 54	30.7	31.6	3.3	90.6	28.5	29.6	12.2	70.7	59.2	61.2	15.5	79.8
55 and over	24.3	25.4	36.6	40.9	11.4	12.1	56.4	17.7	35.7	37.5	93.0	28.7
<b>Total</b>	<b>148.8</b>	<b>159.0</b>	<b>61.9</b>	<b>72.0</b>	<b>126.8</b>	<b>136.3</b>	<b>104.6</b>	<b>56.6</b>	<b>275.6</b>	<b>295.3</b>	<b>166.6</b>	<b>63.9</b>
<b>SOUTHERN MELBOURNE</b>												
15 - 24	13.8	15.2	8.7	63.8	19.1	21.4	6.4	76.9	32.9	36.7	15.1	70.8
25 - 34	22.3	22.6	*1.7	92.9	24.2	25.6	6.6	79.4	46.6	48.2	8.4	85.2
35 - 44	23.3	24.6	*1.7	93.7	21.3	22.7	5.6	80.1	44.6	47.3	7.3	86.6
45 - 54	26.9	28.1	*1.5	95.0	19.4	20.2	8.6	70.1	46.4	48.4	10.1	82.7
55 and over	13.6	14.9	24.6	37.7	8.8	9.3	51.2	15.3	22.3	24.1	75.8	24.2
<b>Total</b>	<b>100.0</b>	<b>105.5</b>	<b>38.1</b>	<b>73.5</b>	<b>92.8</b>	<b>99.2</b>	<b>78.5</b>	<b>55.8</b>	<b>192.8</b>	<b>204.7</b>	<b>116.6</b>	<b>63.7</b>

**TABLE 10. CIVILIAN POPULATION AGED 15 YEARS AND OVER BY  
LABOUR FORCE STATUS AND AGE,  
VICTORIAN REGIONS, NOVEMBER 1997 - continued**

Age (years)	Males				Females				Persons			
	Employed ( '000)	Labour force ( '000)	Not in labour force ( '000)	Partici- pation rate (%)	Employed ( '000)	Labour force ( '000)	Not in labour force ( '000)	Partici- pation rate (%)	Employed ( '000)	Labour force ( '000)	Not in labour force ( '000)	Partici- pation rate (%)
<b>OUTER EASTERN MELBOURNE</b>												
15 - 24	18.6	21.7	7.9	73.4	14.7	17.4	7.3	70.5	33.3	39.0	15.1	72.1
25 - 34	22.9	24.1	*1.5	94.1	16.3	17.6	9.5	64.8	39.2	41.7	11.0	79.1
35 - 44	26.9	27.7	*0.0	100.0	19.6	21.5	8.0	72.7	46.4	49.1	8.0	85.9
45 - 54	22.5	22.7	3.8	85.8	15.4	16.0	8.7	64.6	37.9	38.7	12.5	75.6
55 and over	10.1	11.1	17.0	39.6	6.5	6.7	22.5	23.0	16.5	17.8	39.4	31.1
<b>Total</b>	<b>100.9</b>	<b>107.4</b>	<b>30.1</b>	<b>78.1</b>	<b>72.4</b>	<b>79.1</b>	<b>56.1</b>	<b>58.5</b>	<b>173.3</b>	<b>186.5</b>	<b>86.2</b>	<b>68.4</b>
<b>SOUTH EASTERN MELBOURNE</b>												
15 - 24	20.4	24.3	5.5	81.6	12.0	15.3	8.4	64.5	32.4	39.6	13.9	74.0
25 - 34	23.2	23.6	*1.5	93.8	16.2	17.3	6.6	72.3	39.5	40.8	8.2	83.3
35 - 44	27.1	28.7	*1.9	93.7	19.1	19.6	12.3	61.4	46.1	48.3	14.3	77.2
45 - 54	20.5	21.3	*1.4	93.7	14.6	14.8	4.6	76.2	35.0	36.1	6.1	85.6
55 and over	9.4	10.8	13.5	44.4	4.5	4.5	23.4	16.1	13.9	15.2	36.8	29.2
<b>Total</b>	<b>100.5</b>	<b>108.7</b>	<b>23.9</b>	<b>82.0</b>	<b>66.3</b>	<b>71.5</b>	<b>55.4</b>	<b>56.4</b>	<b>166.9</b>	<b>180.2</b>	<b>79.3</b>	<b>69.4</b>
<b>MORNINGTON PENINSULA</b>												
15 - 24	11.1	13.8	5.2	72.6	8.5	11.4	3.4	76.9	19.6	25.3	8.6	74.5
25 - 34	18.7	19.7	*0.6	97.1	13.3	13.6	6.4	68.1	32.0	33.3	7.0	82.7
35 - 44	14.9	15.5	*0.3	98.2	10.2	11.8	4.8	71.0	25.1	27.3	5.1	84.3
45 - 54	12.7	13.6	*2.4	85.1	9.4	9.7	5.3	64.7	22.2	23.3	7.7	75.3
55 and over	4.2	4.8	18.0	21.0	*2.3	*2.8	22.4	*11.0	6.5	7.6	40.4	15.8
<b>Total</b>	<b>61.8</b>	<b>67.4</b>	<b>26.4</b>	<b>71.8</b>	<b>43.6</b>	<b>49.3</b>	<b>42.3</b>	<b>53.8</b>	<b>105.4</b>	<b>116.6</b>	<b>68.7</b>	<b>62.9</b>

**TABLE 10. CIVILIAN POPULATION AGED 15 YEARS AND OVER BY  
LABOUR FORCE STATUS AND AGE,  
VICTORIAN REGIONS, NOVEMBER 1997 - *continued***

Age (years)	Males				Females				Persons			
	Employed ( <i>'000</i> )	Labour force ( <i>'000</i> )	Not in labour force ( <i>'000</i> )	Partici- pation rate (%)	Employed ( <i>'000</i> )	Labour force ( <i>'000</i> )	Not in labour force ( <i>'000</i> )	Partici- pation rate (%)	Employed ( <i>'000</i> )	Labour force ( <i>'000</i> )	Not in labour force ( <i>'000</i> )	Partici- pation rate (%)
<b>BARWON-WESTERN DISTRICT</b>												
15 - 24	13.2	17.6	9.5	64.9	15.2	18.1	5.3	77.2	28.4	35.7	14.8	70.6
25 - 34	21.4	22.7	*1.5	94.0	14.5	15.7	4.9	76.2	35.9	38.5	6.4	85.8
35 - 44	19.8	21.1	*0.9	96.0	14.9	16.1	6.7	70.7	34.7	37.2	7.6	83.1
45 - 54	16.2	17.0	*2.5	87.1	11.9	12.7	6.6	65.8	28.1	29.8	9.1	76.5
55 and over	10.0	11.5	27.0	29.9	*3.9	4.2	38.2	9.9	14.0	15.7	65.2	19.4
<b>Total</b>	<b>80.5</b>	<b>90.0</b>	<b>41.4</b>	<b>68.5</b>	<b>60.5</b>	<b>66.9</b>	<b>61.7</b>	<b>52.0</b>	<b>141.1</b>	<b>156.9</b>	<b>103.1</b>	<b>60.3</b>
<b>CENTRAL HIGHLANDS-WIMMERA</b>												
15 - 24	11.0	13.1	*4.4	74.6	7.8	10.9	7.1	60.7	18.8	24.0	11.5	67.6
25 - 34	10.2	10.7	*1.1	90.6	8.2	8.2	*4.0	67.0	18.4	18.9	5.1	78.7
35 - 44	16.4	17.2	*0.8	95.4	12.1	12.7	5.6	69.5	28.5	30.0	6.4	82.4
45 - 54	9.6	9.9	*1.7	85.5	8.2	8.8	*4.5	66.0	17.8	18.6	6.2	75.1
55 and over	8.8	9.3	13.8	40.1	*3.9	*4.2	20.9	*16.7	12.8	13.4	34.8	27.9
<b>Total</b>	<b>55.9</b>	<b>60.2</b>	<b>21.9</b>	<b>73.3</b>	<b>40.2</b>	<b>44.8</b>	<b>42.1</b>	<b>51.5</b>	<b>96.2</b>	<b>104.9</b>	<b>64.0</b>	<b>62.1</b>
<b>LODDON-MALLEE</b>												
15 - 24	14.0	14.8	4.3	77.3	5.8	6.4	8.8	42.0	19.7	21.1	13.1	61.8
25 - 34	16.2	17.1	*2.2	88.4	9.9	10.8	8.7	55.3	26.1	27.9	10.9	71.8
35 - 44	17.9	19.1	*1.6	92.1	15.2	15.5	7.3	68.0	33.1	34.6	9.0	79.5
45 - 54	14.0	15.8	4.9	76.1	13.0	14.6	4.2	77.5	27.0	30.4	9.2	76.8
55 and over	8.2	8.4	20.6	29.0	*3.4	*3.4	30.8	*10.0	11.6	11.9	51.4	18.7
<b>Total</b>	<b>70.2</b>	<b>75.2</b>	<b>33.7</b>	<b>69.0</b>	<b>47.3</b>	<b>50.7</b>	<b>59.9</b>	<b>45.8</b>	<b>117.6</b>	<b>125.9</b>	<b>93.6</b>	<b>57.4</b>
<b>GOULBURN-OVENS-MURRAY</b>												
15 - 24	10.7	13.8	5.3	72.4	7.7	10.6	7.1	59.8	18.4	24.4	12.4	66.3
25 - 34	13.1	13.1	*1.0	93.0	10.7	12.5	7.5	62.5	23.8	25.5	8.5	75.1
35 - 44	20.8	20.8	*0.9	96.0	15.3	15.9	6.2	72.1	36.1	36.7	7.0	84.0
45 - 54	19.4	19.9	*2.5	88.7	13.4	14.0	5.3	72.5	32.8	33.9	7.8	81.2
55 and over	8.5	8.5	19.9	30.0	5.3	5.3	28.0	15.9	13.8	13.8	47.9	22.4
<b>Total</b>	<b>72.5</b>	<b>76.2</b>	<b>29.5</b>	<b>72.0</b>	<b>52.5</b>	<b>58.2</b>	<b>54.0</b>	<b>51.9</b>	<b>125.0</b>	<b>134.3</b>	<b>83.6</b>	<b>61.6</b>
<b>ALL GIPPSLAND</b>												
15 - 24	5.5	5.8	*4.2	58.2	8.9	10.8	*3.0	78.2	14.4	16.6	7.2	69.7
25 - 34	11.1	12.4	*1.5	89.0	6.9	7.5	*4.3	63.7	18.0	19.8	5.8	77.4
35 - 44	9.7	10.8	*2.1	83.5	7.9	8.5	*2.6	76.3	17.6	19.3	4.8	80.2
45 - 54	8.5	9.1	*1.5	86.2	7.2	7.2	*3.7	65.9	15.7	16.3	5.2	75.9
55 and over	5.9	6.6	14.5	31.4	*2.5	*2.7	22.5	*10.7	8.4	9.3	37.1	20.1
<b>Total</b>	<b>40.7</b>	<b>44.7</b>	<b>23.8</b>	<b>65.2</b>	<b>33.3</b>	<b>36.6</b>	<b>36.2</b>	<b>50.3</b>	<b>74.1</b>	<b>81.4</b>	<b>60.0</b>	<b>57.6</b>



**TABLE 10. CIVILIAN POPULATION AGED 15 YEARS AND OVER BY  
LABOUR FORCE STATUS AND AGE,  
VICTORIAN REGIONS, NOVEMBER 1997 - continued**

Age (years)	Males				Females				Persons			
	Employed ( <i>'000</i> )	Labour force ( <i>'000</i> )	Not in labour force ( <i>'000</i> )	Partici- pation rate (%)	Employed ( <i>'000</i> )	Labour force ( <i>'000</i> )	Not in labour force ( <i>'000</i> )	Partici- pation rate (%)	Employed ( <i>'000</i> )	Labour force ( <i>'000</i> )	Not in labour force ( <i>'000</i> )	Partici- pation rate (%)
<b>TOTAL MELBOURNE MSR</b>												
15 - 19 -	43.9	57.7	54.9	51.3	46.2	59.2	48.0	55.2	90.0	117.0	102.9	53.2
15 - 17	18.2	26.8	39.0	40.7	22.9	30.5	32.2	48.7	41.1	57.3	71.2	44.6
18 - 19	25.6	31.0	15.9	66.0	23.2	28.7	15.8	64.4	48.9	59.6	31.8	65.3
20 - 24	92.9	107.8	22.9	82.5	92.4	103.8	23.9	81.3	185.4	211.5	46.8	81.9
25 - 34	238.0	256.5	17.3	93.7	190.8	201.4	79.1	71.8	428.7	457.9	96.4	82.6
35 - 44	222.9	237.3	14.1	94.4	170.9	183.9	73.7	71.4	393.8	421.2	87.9	82.7
45 - 54	179.1	188.8	24.1	88.7	139.8	145.6	70.6	67.3	319.0	334.4	94.7	77.9
55 - 59	56.8	61.9	15.8	79.7	30.2	32.1	43.9	42.3	87.0	94.0	59.7	61.2
60 - 64	27.2	29.1	34.1	46.0	11.4	12.2	51.7	19.0	38.6	41.2	85.7	32.5
65 and over	13.2	13.5	156.1	7.9	6.5	6.5	220.2	2.9	19.7	20.0	376.3	5.0
<b>Total</b>	<b>874.0</b>	<b>952.5</b>	<b>339.2</b>	<b>73.7</b>	<b>688.2</b>	<b>744.7</b>	<b>611.1</b>	<b>54.9</b>	<b>1,562.2</b>	<b>1,697.2</b>	<b>950.4</b>	<b>64.1</b>
<b>TOTAL BALANCE OF VICTORIA MSR</b>												
15 - 19 -	23.6	28.3	21.4	56.9	21.6	27.8	19.4	58.9	45.2	56.1	40.8	57.9
15 - 17	10.7	14.3	16.5	46.4	11.7	15.5	13.6	53.3	22.4	29.8	30.1	49.7
18 - 19	12.9	14.0	4.9	74.0	9.9	12.2	5.8	67.9	22.8	26.3	10.7	71.0
20 - 24	30.9	36.8	6.3	85.3	23.7	29.0	11.9	70.9	54.6	65.7	18.2	78.3
25 - 34	72.0	76.1	7.3	91.2	50.2	54.6	29.4	65.0	122.2	130.7	36.7	78.1
35 - 44	84.4	89.1	6.4	93.3	65.5	68.7	28.3	70.8	150.0	157.9	34.7	82.0
45 - 54	67.7	71.7	13.1	84.5	53.8	57.2	24.4	70.1	121.5	128.9	37.5	77.5
55 - 59	18.7	20.4	11.8	63.3	9.2	9.7	21.7	31.0	27.9	30.1	33.4	47.4
60 - 64	12.6	13.7	14.8	48.1	4.9	4.9	24.1	16.9	17.5	18.6	38.9	32.4
65 and over	10.1	10.3	69.3	12.9	4.9	5.2	94.7	5.2	15.0	15.5	163.9	8.6
<b>Total</b>	<b>320.0</b>	<b>346.3</b>	<b>150.4</b>	<b>69.7</b>	<b>233.9</b>	<b>257.1</b>	<b>253.9</b>	<b>50.3</b>	<b>553.9</b>	<b>603.4</b>	<b>404.3</b>	<b>59.9</b>
<b>TOTAL VICTORIA</b>												
15 - 19 -	67.4	86.0	76.3	53.0	67.7	87.0	67.4	56.3	135.2	173.0	143.7	54.6
15 - 17	28.9	41.0	55.5	42.5	34.6	46.1	45.8	50.1	63.5	87.1	101.3	46.2
18 - 19	38.5	45.0	20.9	68.3	33.1	40.9	21.6	65.4	71.7	85.9	42.5	66.9
20 - 24	123.8	144.5	29.2	83.2	116.2	132.8	35.8	78.8	240.0	277.3	65.0	81.0
25 - 34	310.0	332.6	24.6	93.1	241.0	256.0	108.4	70.2	551.0	588.6	133.1	81.6
35 - 44	307.3	326.4	20.5	94.1	236.5	252.6	102.1	71.2	543.8	579.0	122.6	82.5
45 - 54	246.8	260.5	37.2	87.5	193.6	202.8	95.0	68.1	440.4	463.3	132.2	77.8
55 - 59	75.5	82.2	27.6	74.9	39.4	41.9	65.6	39.0	114.9	124.1	93.1	57.1
60 - 64	39.8	42.8	48.9	46.7	16.3	17.1	75.8	18.4	56.1	59.8	124.7	32.4
65 and over	23.3	23.8	225.3	9.5	11.4	11.7	314.9	3.6	34.8	35.5	540.2	6.2
<b>Total</b>	<b>1,194.0</b>	<b>1,298.8</b>	<b>489.6</b>	<b>72.6</b>	<b>922.1</b>	<b>1,001.8</b>	<b>865.0</b>	<b>53.7</b>	<b>2,116.1</b>	<b>2,300.6</b>	<b>1,354.6</b>	<b>62.9</b>

**TABLE 11. EMPLOYED PERSONS BY INDUSTRY AND OCCUPATION(a) BY AGE,  
VICTORIA, NOVEMBER 1997  
(<sup>'000</sup>)**

	Age group (years)							
Classification	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 and over	Total
INDUSTRY								
Agriculture, forestry and fishing	5.1	*3.7	15.7	22.4	19.7	5.8	14.3	86.7
Mining	*0.2	*0.3	*1.0	*1.8	*0.3	*0.0	*0.0	*3.6
Manufacturing	9.6	40.7	96.1	93.9	82.7	22.1	12.7	357.7
Electricity, gas and water supply	*0.0	*0.7	*3.1	*3.0	*2.3	*2.4	*0.4	11.9
Construction	5.9	13.7	41.0	35.3	23.2	7.7	4.9	131.7
Wholesale trade	*1.9	15.0	40.0	30.5	27.9	7.4	6.7	129.5
Retail trade	70.6	56.5	63.0	53.7	45.7	15.1	11.7	316.2
Accommodation, cafes and restaurants	12.8	19.4	19.8	19.6	10.3	*2.3	*1.2	85.5
Transport and storage	*2.3	5.6	25.6	25.7	21.6	6.6	4.8	92.2
Communication services	*0.7	*3.9	13.4	9.6	8.2	*2.1	*0.4	38.3
Finance and insurance	*1.1	15.4	29.9	19.8	16.3	*3.4	*2.5	88.5
Property and business services	6.1	22.9	68.1	64.8	50.8	10.6	8.9	232.2
Government administration and defence	*0.5	6.1	20.7	26.2	20.6	*3.8	*2.3	80.3
Education	*1.5	7.2	24.5	48.4	45.3	9.7	5.3	142.0
Health and community services	*3.2	16.1	48.7	57.5	45.9	9.5	7.8	188.6
Cultural and recreational services	9.7	6.6	16.3	10.8	6.3	*2.3	*1.5	53.6
Personal and other services	*3.8	6.2	24.1	20.8	13.1	*4.2	5.4	77.6
Total	135.2	240.0	551.0	543.8	440.4	114.9	90.8	2,116.1
OCCUPATION								
Managers and administrators	*0.0	*4.4	31.2	48.2	52.1	12.9	20.0	168.7
Professionals	*1.8	23.3	104.5	124.3	105.6	23.0	14.9	397.4
Associate professionals	*3.1	18.9	59.5	64.0	46.8	14.3	9.6	216.3
Tradespersons and related workers	15.8	39.7	82.9	67.6	51.9	17.8	11.6	287.4
Advanced clerical and service workers	*0.8	12.8	27.0	28.8	21.7	*4.0	*4.1	99.2
Intermediate clerical, sales and service workers	15.1	57.5	102.9	76.3	55.2	12.4	10.5	330.0
Intermediate production and transport workers	11.3	17.0	53.2	51.7	45.1	11.8	7.2	197.4
Elementary clerical, sales and service workers	59.7	39.3	46.9	35.1	26.3	9.6	5.2	222.2
Labourers and related workers	27.6	27.0	42.8	47.7	35.8	9.1	7.7	197.7
Total	135.2	240.0	551.0	543.8	440.4	114.9	90.8	2,116.1

(a) From August 1996, occupation data are classified to the Australian Standard Classification of Occupations, Second Edition. See the Explanatory notes for details.

**TABLE 12. EMPLOYED PERSONS BY INDUSTRY AND OCCUPATION(a) BY MARITAL STATUS,  
VICTORIA, NOVEMBER 1997**  
(<sup>'000</sup>)

Classification	Males			Females			Persons		
	Married	Other	Total	Married	Other	Total	Married	Other	Total
<b>INDUSTRY</b>									
Agriculture, forestry and fishing	39.4	16.5	55.9	27.1	*3.7	30.8	66.6	20.2	86.7
Mining	*2.1	*1.2	*3.2	*0.0	*0.3	*0.3	*2.1	*1.5	*3.6
Manufacturing	168.5	81.8	250.3	69.7	37.7	107.4	238.2	119.5	357.7
Electricity, gas and water supply	6.5	*3.4	9.9	*0.8	*1.2	*1.9	7.3	4.6	11.9
Construction	79.5	36.4	115.9	14.6	*1.2	15.8	94.1	37.6	131.7
Wholesale trade	60.5	27.4	88.0	27.2	14.4	41.5	87.7	41.8	129.5
Retail trade	79.5	78.9	158.4	69.5	88.3	157.8	149.0	167.2	316.2
Accommodation, cafes and restaurants	15.2	22.4	37.6	19.0	28.9	47.9	34.2	51.4	85.5
Transport and storage	51.0	22.5	73.5	10.6	8.1	18.7	61.6	30.6	92.2
Communication services	15.9	6.5	22.4	8.4	7.5	15.9	24.3	14.0	38.3
Finance and insurance	31.1	15.2	46.3	22.1	20.0	42.2	53.3	35.2	88.5
Property and business services	88.1	42.6	130.7	57.9	43.7	101.5	145.9	86.3	232.2
Government administration and defence	29.6	8.8	38.4	25.7	16.2	41.9	55.3	25.0	80.3
Education	39.4	13.5	52.9	66.1	22.9	89.0	105.6	36.4	142.0
Health and community services	27.8	11.9	39.7	101.2	47.7	148.9	129.0	59.6	188.6
Cultural and recreational services	12.5	15.8	28.3	8.3	17.0	25.3	20.8	32.8	53.6
Personal and other services	31.3	11.2	42.5	18.8	16.3	35.0	50.1	27.5	77.6
<b>Total</b>	<b>778.0</b>	<b>415.9</b>	<b>1,194.0</b>	<b>546.9</b>	<b>375.2</b>	<b>922.1</b>	<b>1,324.9</b>	<b>791.1</b>	<b>2,116.1</b>
<b>OCCUPATION</b>									
Managers and administrators	104.6	21.3	126.0	35.2	7.6	42.8	139.8	28.9	168.7
Professionals	150.7	55.3	206.0	125.1	66.3	191.3	275.8	121.6	397.4
Associate professionals	92.1	38.0	130.2	50.5	35.6	86.1	142.7	73.6	216.3
Tradespersons and related workers	163.8	96.8	260.6	13.9	12.8	26.7	177.7	109.6	287.4
Advanced clerical and service workers	8.9	5.2	14.1	61.8	23.3	85.0	70.7	28.5	99.2
Intermediate clerical, sales and service workers	60.1	42.0	102.0	127.0	100.9	227.9	187.1	142.9	330.0
Intermediate production and transport workers	104.7	54.7	159.4	26.5	11.6	38.0	131.1	66.3	197.4
Elementary clerical, sales and service workers	29.2	44.5	73.7	57.4	91.1	148.5	86.6	135.6	222.2
Labourers and related workers	64.0	58.0	121.9	49.5	26.2	75.7	113.4	84.2	197.7
<b>Total</b>	<b>778.0</b>	<b>415.9</b>	<b>1,194.0</b>	<b>546.9</b>	<b>375.2</b>	<b>922.1</b>	<b>1,324.9</b>	<b>791.1</b>	<b>2,116.1</b>

(a) From August 1996, occupation data are classified to the Australian Standard Classification of Occupations, Second Edition. See the Explanatory notes for details.

**TABLE 13. EMPLOYED PERSONS: AVERAGE WEEKLY HOURS WORKED(a) BY INDUSTRY AND  
OCCUPATION(b), VICTORIA, NOVEMBER 1997**  
(hours)

Classification	Males			Females			Persons		
	Married	Other	Total	Married	Other	Total	Married	Other	Total
<b>INDUSTRY</b>									
Agriculture, forestry and fishing	56.8	42.9	52.7	32.2	36.1	32.7	46.8	41.6	45.6
Mining	*36.1	*39.6	37.4	*0.0	*45.0	*45.0	*36.1	*40.9	38.1
Manufacturing	37.3	36.8	37.1	29.3	30.7	29.8	34.9	34.9	34.9
Electricity, gas and water supply	35.5	41.4	37.5	*37.2	*27.1	*31.1	35.7	37.8	36.5
Construction	42.1	39.2	41.2	16.7	*10.9	16.3	38.2	38.3	38.2
Wholesale trade	39.1	39.2	39.1	25.6	30.6	27.3	34.9	36.3	35.4
Retail trade	46.8	27.4	37.1	29.6	21.1	24.8	38.7	24.1	31.0
Accommodation, cafes and restaurants	43.7	30.3	35.7	30.5	25.4	27.4	36.4	27.5	31.1
Transport and storage	42.3	40.6	41.8	31.0	37.1	33.6	40.4	39.7	40.1
Communication services	32.9	32.1	32.7	23.1	33.5	28.0	29.5	32.9	30.7
Finance and insurance	38.6	33.9	37.0	26.8	32.8	29.7	33.7	33.3	33.5
Property and business services	40.9	36.5	39.5	29.0	33.1	30.7	36.2	34.8	35.7
Government administration and defence	34.9	32.4	34.3	24.0	27.6	25.4	29.8	29.3	29.7
Education	38.7	32.3	37.0	28.5	29.9	28.8	32.3	30.8	31.9
Health and community services	41.5	30.7	38.2	25.0	27.7	25.8	28.5	28.3	28.4
Cultural and recreational services	36.7	28.7	32.2	22.8	22.4	22.6	31.2	25.4	27.7
Personal and other services	39.3	30.5	36.9	27.8	29.1	28.4	35.0	29.7	33.1
<b>Total</b>	<b>40.9</b>	<b>34.4</b>	<b>38.6</b>	<b>27.5</b>	<b>27.6</b>	<b>27.6</b>	<b>35.4</b>	<b>31.2</b>	<b>33.8</b>
<b>OCCUPATION</b>									
Managers and administrators	50.4	46.5	49.8	36.2	42.7	37.3	46.9	45.5	46.6
Professionals	40.2	38.3	39.7	28.8	33.3	30.4	35.0	35.6	35.2
Associate professionals	46.4	41.6	45.0	36.4	34.1	35.5	42.9	38.0	41.2
Tradespersons and related workers	38.2	37.0	37.8	27.1	32.0	29.4	37.4	36.4	37.0
Advanced clerical and service workers	38.1	31.7	35.7	22.6	34.1	25.8	24.6	33.6	27.2
Intermediate clerical, sales and service workers	37.8	32.6	35.7	24.9	28.2	26.4	29.1	29.5	29.3
Intermediate production and transport workers	39.3	35.6	38.1	28.5	26.4	27.9	37.1	34.0	36.1
Elementary clerical, sales and service workers	35.1	22.5	27.5	24.6	18.7	21.0	28.1	19.9	23.1
Labourers and related workers	33.9	26.8	30.5	24.8	21.1	23.5	29.9	25.0	27.8
<b>Total</b>	<b>40.9</b>	<b>34.4</b>	<b>38.6</b>	<b>27.5</b>	<b>27.6</b>	<b>27.6</b>	<b>35.4</b>	<b>31.2</b>	<b>33.8</b>

(a) Persons with jobs who did not work during the survey week have been included in the calculation of average weekly hours worked. The relative standard errors of these estimates are obtained by first finding the relative standard error of the estimate of the total number of persons in the estimate and then multiplying by a factor of 0.7. For further information refer to the technical notes in Labour Force, Australia (6203.0). (b) From August 1996, occupation data are classified to the Australian Standard Classification of Occupations, Second Edition. See the Explanatory notes for details.

**TABLE 14. EMPLOYED PERSONS: STATUS IN EMPLOYMENT AND AVERAGE WEEKLY HOURS WORKED, VICTORIA, NOVEMBER 1997**

Status in employment	Males			Females			Persons		
	Married	Other	Total	Married	Other	Total	Married	Other	Total
	'000								
Employers	41.3	7.4	48.7	21.6	*2.7	24.3	62.9	10.1	73.0
Own account workers	99.7	32.6	132.3	51.5	15.6	67.1	151.3	48.2	199.5
Employees	635.3	373.5	1,008.8	465.5	352.9	818.4	1,100.8	726.4	1,827.2
Contributing family workers	*1.8	*2.4	*4.2	8.2	*4.1	12.3	10.0	6.5	16.4
<b>Total</b>	<b>778.0</b>	<b>415.9</b>	<b>1,194.0</b>	<b>546.9</b>	<b>375.2</b>	<b>922.1</b>	<b>1,324.9</b>	<b>791.1</b>	<b>2,116.1</b>
AVERAGE WEEKLY HOURS WORKED (a)									
Employers	53.1	47.5	52.3	37.1	49.7	38.4	47.6	48.1	47.7
Own account workers	44.7	41.8	44.0	29.5	35.1	30.8	39.5	39.6	39.5
Employees	39.5	33.6	37.3	27.2	27.2	27.2	34.3	30.5	32.8
Contributing family workers	*24.9	13.6	18.4	8.5	22.0	12.9	11.4	18.8	14.3
<b>Total</b>	<b>40.9</b>	<b>34.4</b>	<b>38.6</b>	<b>27.5</b>	<b>27.6</b>	<b>27.6</b>	<b>35.4</b>	<b>31.2</b>	<b>33.8</b>

(a) The relative standard errors of these estimates are obtained by first finding the relative standard error of the estimate of the total number of persons in the estimate and then multiplying by a factor of 0.7. For further information refer to the technical notes in Labour Force, Australia (6203.0).

**TABLE 15. UNEMPLOYED PERSONS: INDUSTRY AND OCCUPATION(a) OF LAST JOB(b), VICTORIA, NOVEMBER 1997**

Particulars	Number ('000)			Unemployment rate (%)		
	Males	Females	Persons	Males	Females	Persons
<b>Industry</b>						
Agriculture, forestry and fishing	*2.0	*1.2	*3.2	*3.4	*3.8	*3.5
Mining	*0.0	*0.0	*0.0	*0.0	*0.0	*0.0
Manufacturing	15.4	*4.6	20.0	5.8	*4.1	5.3
Electricity, gas and water supply	*0.3	*0.3	*0.6	*3.0	*12.4	*4.7
Construction	5.3	*0.3	5.6	4.4	*1.7	4.1
Wholesale trade	4.8	*1.6	6.5	5.2	*3.7	4.7
Retail trade	4.7	*4.6	9.3	2.9	*2.8	2.8
Accommodation, cafes and restaurants	*3.6	*1.1	4.8	*8.8	*2.3	5.3
Transport and storage	*1.4	*0.3	*1.7	*1.9	*1.6	*1.9
Communication services	*1.7	*0.5	*2.3	*7.2	*3.3	*5.6
Finance and insurance	*1.1	*1.2	*2.3	*2.3	*2.7	*2.5
Property and business services	*2.9	*2.5	5.4	*2.2	*2.4	2.3
Government administration and defence	*1.8	*1.4	*3.1	*4.4	*3.2	*3.8
Education	*0.9	*0.8	*1.7	*1.7	*0.9	*1.2
Health and community services	*1.1	*1.7	*2.8	*2.7	*1.2	*1.5
Cultural and recreational services	*3.2	*1.3	*4.4	*10.1	*4.7	*7.6
Personal and other services	*1.2	*1.4	*2.6	*2.7	*3.8	*3.2
<b>Total (b)</b>	<b>51.5</b>	<b>24.7</b>	<b>76.3</b>	<b>4.1</b>	<b>2.6</b>	<b>3.5</b>
<b>Occupation</b>						
Managers and administrators	*2.5	*0.0	*2.5	*1.9	*0.0	*1.5
Professionals	*4.2	*1.4	5.6	*2.0	*0.7	1.4
Associate professionals	*3.4	*2.2	5.6	*2.5	*2.5	2.5
Tradespersons and related workers	13.9	*1.7	15.5	5.0	*5.8	5.1
Advanced clerical and service workers	*0.8	*0.3	*1.1	*5.6	*0.3	*1.1
Intermediate clerical, sales and service workers	*3.4	9.3	12.6	*3.2	3.9	3.7
Intermediate production and transport workers	9.0	*4.0	12.9	5.3	*9.5	6.1
Elementary clerical, sales and service workers	*3.2	*2.6	5.8	*4.2	*1.7	2.6
Labourers and related workers	11.2	*3.4	14.6	8.4	*4.3	6.9
<b>Total (b)</b>	<b>51.5</b>	<b>24.7</b>	<b>76.3</b>	<b>4.1</b>	<b>2.6</b>	<b>3.5</b>
Not employed (b) in the past two years	49.9	50.7	100.6	..	..	..
Looking for first job	19.7	22.1	41.8	..	..	..
Other	30.2	28.6	58.8	..	..	..
Stood down	*3.4	*4.2	7.7	..	..	..
<b>Total</b>	<b>104.8</b>	<b>79.7</b>	<b>184.5</b>	<b>8.1</b>	<b>8.0</b>	<b>8.0</b>

(a) From August 1996, occupation data are classified to the Australian Standard Classification of Occupations, Second Edition. See the Explanatory notes for details. (b) Full-time job for two weeks or more within the last two years.

**TABLE 16. UNEMPLOYED PERSONS BY DURATION OF UNEMPLOYMENT(a),  
VICTORIA, NOVEMBER 1997**

Particulars	Number ('000)			Percentage distribution		
	Males	Females	Persons	Males	Females	Persons
<b>Duration of unemployment (weeks) -</b>						
Under 2	6.7	8.4	15.1	6.4	10.5	8.2
2 and under 4	8.1	6.6	14.7	7.7	8.3	7.9
4 and under 8	8.1	9.1	17.2	7.7	11.4	9.3
8 and under 13	8.1	7.9	16.0	7.8	9.9	8.7
13 and under 26	11.1	8.1	19.2	10.6	10.2	10.4
26 and under 52	21.7	17.5	39.2	20.7	22.0	21.3
52 and under 104	20.8	9.5	30.3	19.9	11.9	16.4
104 and over	20.2	12.6	32.8	19.3	15.8	17.8
<b>Age (years) -</b>						
15 - 19						
Under 13 weeks	8.5	9.6	18.1	8.1	12.0	9.8
13 weeks and under 52	7.4	7.3	14.7	7.1	9.2	8.0
52 weeks and over	*2.6	*2.3	5.0	*2.5	*2.9	2.7
<b>Total aged 15 - 19</b>	<b>18.6</b>	<b>19.2</b>	<b>37.8</b>	<b>17.7</b>	<b>24.1</b>	<b>20.5</b>
20 - 24						
Under 13 weeks	6.4	6.6	13.0	6.1	8.3	7.0
13 weeks and under 52	9.0	5.6	14.6	8.6	7.1	7.9
52 weeks and over	5.4	*4.3	9.7	5.1	*5.4	5.2
<b>Total aged 20 - 24</b>	<b>20.7</b>	<b>16.6</b>	<b>37.3</b>	<b>19.8</b>	<b>20.8</b>	<b>20.2</b>
25 and over						
Under 13 weeks	16.1	15.7	31.8	15.4	19.7	17.2
13 weeks and under 52	16.4	12.7	29.1	15.6	15.9	15.8
52 weeks and over	33.1	15.5	48.5	31.5	19.4	26.3
<b>Total aged 25 and over</b>	<b>65.5</b>	<b>43.9</b>	<b>109.4</b>	<b>62.5</b>	<b>55.0</b>	<b>59.3</b>
<b>Total all ages</b>	<b>104.8</b>	<b>79.7</b>	<b>184.5</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>DURATION OF UNEMPLOYMENT (WEEKS)</b>						
<b>Average (mean) duration-</b>						
Aged 15 - 19	24.4	32.9	28.8	..	..	..
Aged 20 - 24	40.6	38.7	39.8	..	..	..
Aged 25 and over	82.2	67.6	76.3	..	..	..
<b>All ages</b>	<b>63.7</b>	<b>53.2</b>	<b>59.2</b>	<b>..</b>	<b>..</b>	<b>..</b>
<b>Median duration (b)-</b>						
Aged 15 - 19	13.0	13.0	13.0	..	..	..
Aged 20 - 24	30.0	14.0	26.0	..	..	..
Aged 25 and over	52.0	28.0	40.0	..	..	..
<b>All ages</b>	<b>34.0</b>	<b>23.0</b>	<b>28.0</b>	<b>..</b>	<b>..</b>	<b>..</b>

(a) Period from the time a person began looking for work, or was laid off to the end of the reference week. Periods of unemployment are recorded in complete weeks resulting in a slight understatement of duration of unemployment. (b) For information regarding the calculation of standard errors, refer to the technical notes in Labour Force, Australia (6203.0).

## EXPLANATORY NOTES

### INTRODUCTION

This publication contains estimates of the civilian labour force derived from the Labour Force Survey component of the Monthly Population Survey. Estimates of the labour force characteristics of family members are also included.

### POPULATION SURVEY

2 The population survey is based on a multi-stage area sample of private dwellings (currently about 30,000 houses, flats, etc.) and a list sample of non-private dwellings (hotels, motels, etc.), and covers about 0.5% of the population of Australia. The information is obtained from the occupants of selected dwellings by specially trained interviewers. The interviews are generally conducted during the two weeks beginning on the Monday between the 6th and 12th of each month. The information obtained relates to the week before the interview (i.e. the reference week). The ABS has introduced the use of telephone interviewing into the Labour Force Survey. Households selected for the Labour Force Survey are interviewed each month for 8 months, with one eighth of the sample being replaced each month. The first interview will continue to be conducted face-to-face. Subsequent interviews will then be conducted by telephone (if acceptable to the respondent). Telephone interviewing was phased in for each new sample group from August 1996 to February 1997.

### SCOPE

3 The Labour Force Survey includes all persons aged 15 and over except:

- members of the permanent defence forces;
- certain diplomatic personnel of overseas governments, customarily excluded from census and estimated populations;
- overseas residents in Australia; and
- members of non-Australian defence forces (and their dependants) stationed in Australia.

### COVERAGE

4 In the Labour Force Survey, coverage rules are applied which aim to ensure that each person is associated with only one dwelling, and hence has only one chance of selection. The chance of a person being enumerated at two separate dwellings in the one survey is considered to be negligible. See paragraph 45 for information about the effect of the coverage rules on family statistics.

5 Persons who are away from their usual residence for six weeks or less at the time of interview are enumerated at their usual residence (relevant information may be obtained from other usual residents present at the time of the survey).

### POPULATION BENCHMARKS

6 Labour Force Survey estimates of persons employed, unemployed and not in the labour force are calculated in such a way as to add up to the independently estimated distribution of the usually resident population aged 15 and over by age and sex. This procedure compensates for under-enumeration in the survey, and leads to more reliable estimates. Persons who, at the time of interview, are overseas for more than six weeks but for less than 12 months are included in the independent population statistics (benchmarks) and are thus provided for in the calculation of the estimates. The benchmarks are the latest available estimates at the time the Labour Force Survey is conducted, but they usually differ from the official population estimates subsequently published in *Australian Demographic Statistics* (Cat. no. 3101.0) because they are derived from incomplete information about population changes.

REVISION OF POPULATION BENCHMARKS	<p><b>7</b> Survey estimates are not revised for the usually small amendments of population benchmarks arising from new data on deaths and overseas and internal migration. Revisions are made, however, after each Census of Population and Housing, and when population estimation bases are reviewed. These revisions affect original, seasonally adjusted and trend estimates. The last such revision was made in February 1994 to take account of the results of the 1991 Census of Population and Housing, which affected the monthly estimates from January 1989 to January 1994.</p> <p><b>8</b> Population benchmarks used in the estimation of Labour Force Survey data are compiled according to place of usual residence. For an explanation of the conceptual basis of population estimates, see <i>Information Paper: Population Estimates: An Outline of The New Conceptual Basis of ABS Population Estimates</i> (Cat. no. 3216.0). Prior to October 1982, labour force estimates were based on a combination of place of enumeration and place of usual residence.</p>
HISTORY OF THE SURVEY	<p><b>9</b> National surveys were conducted in February, May, August and November each year from 1964 to February 1978. The survey has been conducted on a monthly basis since February 1978.</p>
QUESTIONNAIRE CHANGES	<p><b>10</b> The questionnaire used in the survey for the collection of labour force data has been revised from time to time, the latest occasion being for the April 1986 survey. Details of these changes have been published in <i>Information Paper: Questionnaires Used in the Labour Force Survey</i> (Cat. no. 6232.0) in March 1978, December 1981, August 1984, June 1986, June 1991 and March 1993.</p>
INCLUSION OF CONTRIBUTING FAMILY WORKERS	<p><b>11</b> In April 1986, the questionnaire was revised following the extension of the definition of employed persons to include persons who worked without pay between 1 and 14 hours per week in a family business or on a farm (i.e. contributing family workers previously unpaid family helpers). This definition aligned the Australian labour force concepts with the set of definitions adopted by the 13th International Conference of Labour Statisticians in October 1982.</p> <p><b>12</b> Previously, contributing family workers who worked 1 to 14 hours, or who had such a job but were not at work, were defined as either unemployed or not in the labour force, depending on whether they were actively looking for work.</p> <p><b>13</b> A revised procedure for weighting families estimates, was also introduced in April 1986.</p>
COMPARABILITY OF SERIES	<p><b>14</b> As noted in paragraph 7, estimates from January 1989 were revised to conform to revised population estimates following the 1991 Census of Population and Housing, and are thus not strictly comparable with estimates for periods prior to January 1989. An examination of the revised estimates showed that the effects on Labour Force Survey estimates for the period before January 1989 were inconsequential, and that no meaningful purpose would be served by publishing revised estimates for that period.</p> <p><b>15</b> Comparability with estimates produced from the quarterly Wage and Salary Earners Survey is affected by the use of a different survey methodology and definitions. The Labour Force Survey provides estimates of people in jobs whereas the Wage and Salary Earners Survey provides an estimate of the number of jobs held by wage and salary earners. A more detailed description of the differences between these two series is available on request.</p>



## SURVEY SAMPLE REDESIGN

**16** Following each Population Census, the ABS reselecs the Labour Force Survey sample to take into account the new information which is obtained from the Census. The sample that was used in the Labour Force Survey from September 1992 to August 1997 is being gradually replaced by a new sample selected using information collected in the 1996 Census. The new sample is being phased in over the period September 1997 to April 1998. For additional information, see *Information Paper: Labour Force Survey Sample Design, 1997* (Cat. no. 6269.0).

**17** The sampling fractions for each State/Territory differ in order to yield reliable estimates of the main labour force aggregates for each State and Territory. The sampling fraction for Victoria has changed from 1 in 242 to 1 in 257.

## VICTORIAN REGIONS

**18** In addition to the introduction of the new sampling fraction, the labour force dissemination regions were reviewed in order to maintain consistency with the Australian Standard Geographical Classification (ASGC), 1996.

**19** The changes are as follows:

- Outer Western Melbourne SR now includes part of Melbourne (C) - Remainder, but excludes part of Keilor (C).
- North Western Melbourne SR has been enlarged to include part of Keilor (C), but reduced to exclude part of Coburg (C).
- Inner Melbourne SR has been expanded to include part of Northcote (C), but reduced to exclude part of Melbourne (C) - Remainder.
- North Eastern Melbourne SR now includes part of Coburg (C), but excludes part of Northcote (C).
- Inner Eastern Melbourne SR has been expanded to include Nunawading (C), a small part of Lillydale (S), and the majority of Oakleigh (C).
- Southern Melbourne SR now includes Chelsea (C) and part of Springvale (C), but excludes the majority of Oakleigh (C).
- Outer Eastern Melbourne SR has been reduced by Nunawading (C) and parts of Lillydale (S) and Sherbrooke (S).
- South Eastern Melbourne SR now includes part of Sherbrooke (S), but excludes parts of Springvale (C) and Cranbourne (C).
- Mornington Peninsula SR has been enlarged by the inclusion of part of Cranbourne (C) but reduced by the exclusion of Chelsea (C).
- Barwon-Western District SR has been expanded to include Grenville (S) - Pt B and parts of Grenville (S) - Pt A and Buninyong (S) - Pt B.
- Central Highlands-Wimmera SR has been reduced to exclude Grenville (S) - Pt B, most of Donald (S), parts of Grenville (S) - Pt A and Buninyong (S) - Pt B, and part of Talbot and Clunes (S). The region now includes Karkarooc (S) and part of Kyneton (S).
- Loddon-Campaspe-Mallee SR has been renamed Loddon-Mallee SR. Newly included in the region is most of Donald (S) and part of Talbot and Clunes (S); excluded are Karkarooc (S), Echuca (C), Rochester (S), Pyalong (S), part of Kyneton (S), and part of Mclvor (S).

- Goulburn-Ovens-Murray SR has been enlarged by the inclusion of Echuca (C), Rochester (S), Pyalong (S) and part of McIvor (S).

**20** Detailed maps of the new Labour Force Dissemination Regions are presented at the end of this publication. More information on the changes to regional boundaries is available in the *Information Paper: Regional Labour Force Statistics, September 1997* (Cat. no. 6262.0). Details of the changes to LGA boundaries in Victoria are available in *Statistical Geography, Victoria* (Cat. no. 1103.2).

#### POTENTIAL EFFECTS ON LABOUR FORCE SURVEY ESTIMATES

**21** For information on the new sample implementation and its effects, see *Information Paper: Labour Force Survey Sample Design, 1977* (Cat. no. 6269.0).

#### RELIABILITY OF THE ESTIMATES

**22** Estimates in this publication are subject to two sources of error:

- **sampling error:** since the estimates are based on information obtained from occupants of a sample of dwellings they, and the movements derived from them, may differ from the figures that would have been produced if all dwellings had been included in the survey. One measure of the likely difference is given by the standard error of an estimate (see paragraphs 24 to 27); and
- **non-sampling error:** inaccuracies may occur because of imperfections in reporting by respondents and interviewers and errors made in coding and processing data. These inaccuracies may occur in any enumeration, whether it be a full count or a sample. Every effort is made to reduce the non-sampling error to a minimum by careful design of questionnaires, intensive training and supervision of interviewers and efficient operating procedures.

**23** As the above problems are compounded when the statistics are disaggregated to regional data, users are particularly advised to treat month-to-month movements for regional data with caution. (See the following paragraphs for more detail on determining the reliability of month-to-month movements.)

#### STANDARD ERROR TABLES

**24** To assist you in determining the reliability of the various estimates contained in this publication, tables of standard errors of level estimates and month-to-month movements are included.

**25** Use the table of standard errors of level estimates to determine the accuracy of most estimates contained in this publication. Use the tables of month-to-month movements to determine the accuracy of estimates when comparing one month's figures with another. This is particularly important with month-to-month movements in determining *whether or not the estimates indicate that a significant change has occurred*.

**26** To use the tables, locate the figure in the *Size of estimate* column which is nearest in value to the estimate you wish to use. If you are comparing movements use the larger estimate. Read across the table until you find the column for the geographic area covered by the estimate concerned. This figure is one standard error.

**27** There are approximately two chances in three that the true value which the estimate is attempting to measure is within plus or minus one standard error of the estimate. There are approximately nineteen chances in twenty that the true value is within plus or minus twice this amount.

**28** A similar technique is used for month-to-month movements of estimates. After finding the standard error of the larger of the two estimates from the table of month-to-month movements of estimates (as in paragraph 26) compare the movement to one standard error; if the movement is larger then this indicates a likelihood that a change has occurred. If the movement is larger than two standard errors then this is a fairly reliable indicator of the change.

**29** If comparing quarterly movements multiply the standard error by a factor of 1.1 before comparing it to the movement. If comparing annual movements multiply by a factor of 1.3 before making the comparison.

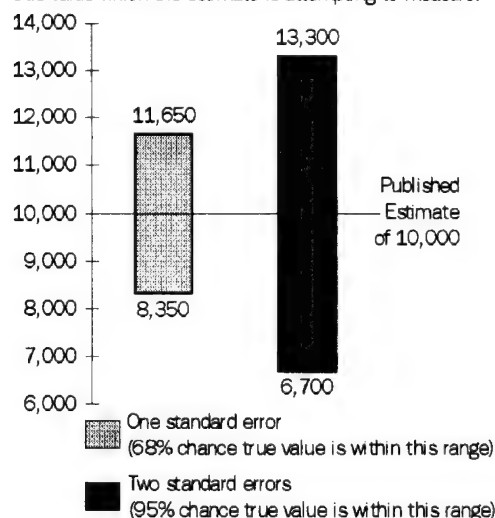
**30** Another useful measure of reliability is relative standard error (RSE). The relative standard error of an estimate is the amount by which an estimate is likely to vary (one standard error) as a percentage of its size.

**31** To calculate the relative standard error of an estimate, divide one standard error of the estimate by the estimate and multiply by 100.

**32** Estimates with a relative standard error of 10% or less can be regarded as statistically reliable enough for most uses. Estimates with a relative standard error of 25% or more should not be regarded as reliable and care should be exercised when using them. All such estimates in this publication have been marked with an asterisk (\*).

**33** For this survey this warning applies to estimates of 4,600 or less for Victoria. Different geographic areas have different points at which the 25% relative standard error cut off takes effect. These are listed in Table A.

One standard error on a published estimate for Victoria is 1,650. The diagram shows the probable location of the true value which the estimate is attempting to measure.



## DIFFERENCES BETWEEN CENSUS AND LABOUR FORCE SURVEY ESTIMATES

**34** The results of the 1991 Census of Population and Housing show that labour force estimates derived from the Census differ from those derived from the Labour Force Survey.

**35** The broad concepts underlying the measures of the labour force and its components, employment and unemployment, are similar in the census and the survey. It should be noted, however, that census estimates of unemployment do not take into account the 'available for work' criterion.

**36** There are considerable differences in both the collection methodology adopted (including the detailed questions asked) and estimation procedures. Factors contributing to differences in estimates include under-enumeration in the Population Census for which census labour force estimates have not been adjusted, the use in the Labour Force Survey of population benchmarks derived from incomplete information about population change (see paragraph 6), the inclusion of permanent defence forces in census estimates, the personal interview approach adopted in the survey as opposed to self-enumeration of census schedules, differing questions used to determine labour force characteristics (particularly the identification of unemployed persons) and differing methods of adjustment for non-response to the survey or census.

**37** The Labour Force Survey provides detailed and up-to-date estimates of employment and unemployment for Australia, States and regions, whereas the Census of Population and Housing provides counts for small areas but in less detail than is available from the survey.

**38** These considerations should be borne in mind when comparisons are made between Population Census and Labour Force Survey estimates.

## SEASONAL ADJUSTMENT

**39** Seasonally adjusted series are published in Table 2. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series can be recognised more clearly. Seasonal adjustment does not remove the irregular or non-seasonal influences which may be present in any particular month. This means that month-to-month movements of the seasonally adjusted estimates may not be reliable indicators of trend behaviour. For example, irregular factors unrelated to the trend account for more than half the seasonally adjusted movement with the following frequency:

Employment: 5 in 10 monthly movements  
Unemployment: 7 in 10 monthly movements  
Unemployment rate: 7 in 10 monthly movements  
Participation rate: 9 in 10 monthly movements

**40** The seasonal factors for all seasonally adjusted series are reviewed annually to take account of each additional year's original data. The latest review, in February 1997, revised the Australian and State seasonally adjusted and trend monthly series back to February 1978. Information about the method of adjustment was published in the feature article of the February 1997 issue of *Labour Force, Australia* (Cat. no. 6203.0). Revised seasonally adjusted and trend estimates for all months for Australia and the States are available on request.

## TREND ESTIMATION

**41** Smoothing seasonally adjusted series produces a measure of trend by reducing the impact of the irregular component of the series. The monthly trend estimates are derived by applying a 13-term Henderson weighted moving average to all months except the last six. The last six monthly trend estimates are obtained by applying surrogates of the Henderson average to the seasonally adjusted series. These trend series are used to analyse the underlying behaviour of the series over time. Table 3 shows trend estimates

for the past 15 months. Trend series graphs are shown on page 1. Data from February 1978 are available on the ABS on-line data dissemination service, PC-AUSSTATS.

42 While this smoothing technique enables estimates to be produced which include the latest month, it does result in revisions to the most recent months as additional observations become available. Generally, subsequent revisions become smaller, and after three months have a negligible impact on the series. There will also be revisions as a result of the annual review of seasonal factors mentioned above in paragraph 40.

43 Users may wish to refer to the ABS publication *A Guide to Interpreting Time Series—Monitoring 'Trends', an Overview* (Cat. no. 1348.0) for further information about trend estimates.

#### LABOUR FORCE STATUS AND OTHER CHARACTERISTICS OF FAMILIES

44 As a part of survey procedures, family relationships are determined each month, enabling both the estimation of persons cross-classified by their relationship in the household and the estimation of families. In this publication, Table 5 shows the labour force status and relationship in the household of individuals. The new classification *Family type* and information on families rather than the household relationship of individuals is contained in *Labour Force, Australia* (Cat. no. 6203.0).

45 Because of the coverage rules, persons who usually live with other members of their family may, at the time of the survey, be enumerated as not living with all the usual members of their family. This situation is more likely for persons who are enumerated as visitors to other private dwellings or as persons staying in non-private dwellings (hotels, hospitals, etc.). The determination of family structure and family characteristics in such cases is difficult. Thus for survey questions used to determine family relationships, scope was further restricted to usual residents of private dwellings and the following persons were excluded:

- all persons enumerated in non-private dwellings (including hotels, motels, hospitals and other institutions); and
- persons enumerated as visitors to (rather than usual residents of) private dwellings.

46 In addition, in those households where it was not possible to obtain information relating to all the usual residents, no family information was recorded. Thus persons living in households which include a member of the permanent defence forces, who is outside the scope of the population survey, are excluded from survey questions used to determine family relationships because family information could not be obtained from each usual resident. Similarly households which, at the time of the survey, have one or more of their usual residents away for more than six weeks, are excluded from the family survey. This also applies to households from which an incomplete or inadequate questionnaire was obtained for any usual resident in on scope and coverage. Generally, relationship in household is determined for more than 90% of all civilians aged 15 and over.

#### CHANGES IN FAMILIES CLASSIFICATIONS

47 The *Relationship in household* classification was introduced in the May 1994 issue of this publication to align with recently established ABS standards. Most categories in this classification remain comparable with categories in the previous classification. The cases in which there are breaks in comparability are as follows:

**48 Relationship in household.** This classification was previously referred to as *Family status*.

- *Lone parents* (previously referred to as *Sole parents*) now includes parents with non-dependent children (provided those children are without a spouse or children of their own). These *Lone parents without dependants* are shown separately in Table 5.
- *Dependent students* (previously *Full-time students aged 15–24*) now comprise sons or daughters (of a couple or a lone parent) aged 15 to 19 attending school or aged 15 to 24 attending a tertiary educational institution full-time. Other related full-time students, who were also previously classified as *Full-time students aged 15–24* are now included in *Other family persons*.
- *Other family persons* now comprises the previous groups *Other family head*, excluding those now counted as *Lone parents*, the other related full-time students previously classified as *Full-time students aged 15–24* (see above) and *Other relative of married couple or family head*.

## BIRTHPLACE

**49** From April 1991, labour force birthplace data are aggregated according to major groups of the *Australian Standard Classification of Countries for Social Statistics (ASCCSS)* (Cat. no. 1269.0). The ASCCSS was developed by the ABS for use whenever demographic, labour and social statistics are classified by countries.

**50** The ASCCSS major groups are based on the concept of geographic proximity. They differ from the country groups presented in this publication prior to April 1991. For example, African countries are now covered by 'The Middle East and North Africa' and 'Africa (excluding North Africa)', while Asia has been split into 'Southeast Asia', 'Northeast Asia' and 'Southern Asia'. Data for selected individual countries will continue to be available in this publication and comprehensively on microfiche.

## INDUSTRY

**51** From August 1994, Labour Force Survey industry data are classified according to the Australian and New Zealand Standard Industrial Classification (ANZSIC), a detailed description of which appears in *ANZSIC 1993* (Cat. no. 1292.0). Like the previous Australian Standard Industrial Classification (ASIC), ANZSIC classifies businesses according to their economic activities, in a structure consisting of 4 levels (Division, Sub-division, Group and Class). Labour Force Survey data are coded at the Group level, as was the practice under ASIC. To enable the conversion of historical data from ASIC to ANZSIC for the period November 1984 to May 1994, a concordance was published in the August 1994 issue of *Labour Force, Australia* (Cat. no. 6203.0) and in the Information Paper: *Labour Force Survey: Introduction of ANZSIC for Industry data (Replacement publication)* (Cat. no. 6259.0). It has been found that the concordance, which was based on preliminary investigations, did not provide the most appropriate conversion for certain Group level industries. An improved concordance has now been applied to historical Labour Force Survey estimates. This concordance was published in the Appendix to the May 1996 issue of *Labour Force, Australia* (Cat. no. 6203.0) and in a further issue of the above Information Paper.

## STATUS IN EMPLOYMENT

**52** From August 1994, the Labour Force Survey has adopted the International Classification of *Status in employment* (ICSE-93) in place of the previous term *Status of worker*. No definitional changes have been made, the only changes are to the classification titles which are as follows: Employer remains Employer, Wage and salary earner becomes Employee, Self-employed becomes Own account worker and Unpaid family helper becomes Contributing family worker.

OCCUPATION	<p><b>53</b> From August 1996, Labour Force Survey occupation data are classified according to the Australian Standard Classification of Occupations (ASCO) Second Edition, a detailed description of which appears in <i>ASCO – Australian Standard Classification of Occupations, Second Edition</i> (Cat. no. 1220.0). The new version of the classification replaces ASCO First Edition, which was adopted in the survey in August 1986. Like the previous ASCO First Edition, ASCO Second Edition is a skill-based classification of occupations. However, the structure of ASCO Second Edition comprises 5 hierarchical levels (Major Group, Sub-Major Group, Minor Group, Unit Group and Occupation) compared with 4 levels in ASCO First Edition (Major Group, Minor Group, Unit Group and Occupation). Labour Force Survey data are coded to the Unit Group level, as was the practice under ASCO First Edition.</p>
RELATED PUBLICATIONS	<p><b>54</b> Users may also wish to refer to the following publications which relate to the labour force and are available on request:</p> <p><i>Labour Statistics, Australia</i> (Cat. no. 6101.0) (annual)</p> <p><i>A Guide to Labour Statistics, Australia</i> (Cat. no. 6102.0) (irregular)</p> <p><i>Labour Force, New South Wales</i> (Cat. no. 6201.1) (quarterly)</p> <p><i>Labour Force, Queensland</i> (Cat. no. 6201.3) (quarterly)</p> <p><i>Labour Force, Australia, Preliminary</i> (Cat. no. 6202.0) (monthly)</p> <p><i>Labour Force, Australia</i> (Cat. no. 6203.0) (monthly)</p> <p><i>Labour Force, Australia, 1978–1995</i> (Cat. no. 6204.0) (irregular)</p> <p><i>Labour Force Projections, Australia</i> (Cat. no. 6260.0) (irregular)</p> <p><i>Australian Labour Market</i> (Cat. no. 6284.0) (annual)</p>
Information Papers	<p><i>Questionnaires Used in the Labour Force Survey</i> (Cat. no. 6232.0) (irregular)</p> <p><i>Regional Labour Force Statistics</i> (Cat. no. 6262.0) (irregular)</p> <p><i>Labour Force Survey Sample Design</i> (Cat. no. 6269.0) (irregular)</p> <p><i>Labour Force Survey - Measuring Teenage Unemployment</i> (Cat. no. 6270.0) (irregular)</p> <p><i>Measuring Employment and Unemployment</i> (Cat. no. 6279.0) (irregular)</p> <p><b>55</b> Current publications produced by the ABS are listed in the <i>Catalogue of Publications and Products, Australia</i> (Cat. no. 1101.0). The ABS also issues, on Tuesdays and Fridays, a <i>Release Advice</i> (Cat. no. 1105.0) which lists publications to be released in the next few days. The Catalogue and Release Advice are available from any ABS office.</p>
UNPUBLISHED STATISTICS	<p><b>56</b> The ABS can also make available information which is not published. This information is available on a number of media such as floppy disk, microfiche and customised reports. In general, a charge is made for providing unpublished information. Inquiries should be made to any ABS office.</p>
ROUNDING	<p><b>57</b> Estimates have been rounded and discrepancies may occur between sums of the component items and totals.</p>
SYMBOLS AND OTHER USAGES	<p>.. not applicable</p> <p>* subject to sampling variability too high for most practical uses. See paragraphs 32 and 33.</p>

**STUART JACKSON**  
REGIONAL DIRECTOR, VICTORIA

## GLOSSARY

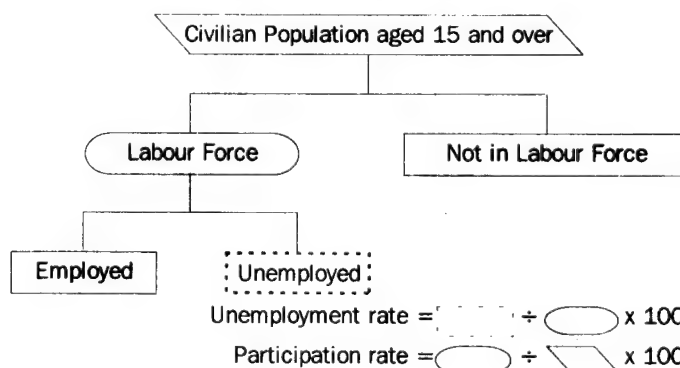
<b>Dependants</b>	All family members under 15 years of age; all sons or daughters aged 15 to 19 attending school or aged 15 to 24 attending a tertiary educational institution full-time (except those classified as husbands, wives or lone parents).
<b>Dependent student</b>	In couple or one-parent families, sons or daughters aged 15 to 19 attending school or aged 15 to 24 attending a tertiary educational institution full-time (except those classified as husbands, wives or lone parents).
<b>Employed</b>	Persons aged 15 years and over who, during the reference week: <ul style="list-style-type: none"> <li>■ worked for one hour or more for pay, profit, commission, or payment in kind in a job or business, or on a farm (comprising employees, employers, and own account workers); or</li> <li>■ worked for one hour or more without pay in a family business or on a farm (i.e. contributing family worker); or</li> <li>■ were employees who had a job but were not at work and were: on paid leave; on leave without pay for less than four weeks up to the end of the reference week; stood down without pay because of bad weather or plant breakdown at their place of employment for less than four weeks up to the end of the reference week; on strike or locked out; on workers' compensation and expected to be returning to their job; or receiving wages or salary while undertaking full-time study; or</li> <li>■ were employers, own account workers or contributing family workers who had a job, business, or farm, but were not at work.</li> </ul>
<b>Full-time workers</b>	Employed persons who usually worked 35 hours or more a week (in all jobs) and others who, although usually working less than 35 hours a week, worked 35 hours or more during the reference week.
<b>Hours worked</b>	The figures of aggregate hours and average hours refer to actual hours worked during the reference week, not hours paid for.
<b>Household</b>	A group of one or more persons in a private dwelling who consider themselves to be separate from other persons (if any) in the dwelling, and who make regular provision to take meals separately from other persons, i.e. at different times or in different rooms. Lodgers who receive accommodation but not meals are treated as separate households. Boarders who receive both accommodation and meals are not treated as separate households. A household may consist of any number of families and non-family members.
<b>Industry</b>	From August 1994, classified to the <i>Australian and New Zealand Standard Industrial Classification (ANZSIC), 1993</i> (Cat. no. 1292.0).
<b>Labour force</b>	For any group, persons who were employed or unemployed, as defined.
<b>Lone parent</b>	The head of a one-parent family.
<b>Lone person</b>	A person who is the sole member of a household.
<b>Marital status</b>	Persons are classified as married (husband and wife) if they are reported as being married (including de facto) and their spouse was a usual resident of the household at the time of the survey. The not-married category comprises persons who have never married, or are separated,



widowed or divorced as well as those who although reported as being married, did not have a spouse who usually lived in the household.

<b>Non-dependent child</b>	In couple or one-parent families, sons or daughters aged 15 or over not attending school or a tertiary educational institution full-time (except those classified as husbands, wives or lone parents).
<b>Non-family member</b>	A person who is not related to any other member of the household in which they are living.
<b>Not in the labour force</b>	Persons who were not in the categories employed or unemployed, as defined.
<b>Occupation</b>	From August 1996, classified according to the <i>Australian Standard Classification of Occupations (ASCO) Second Edition</i> (Cat. no. 1220.0).
<b>Participation rate</b>	For any group, the labour force expressed as a percentage of the civilian population aged 15 years and over in the same group.
<b>Part-time workers</b>	Employed persons who usually worked less than 35 hours a week and who did so during the reference week.
<b>Status in employment</b>	Employed persons classified by whether they were Employers, Own account workers, Employees, or Contributing family workers.
<b>Unemployed</b>	Persons aged 15 years and over who were not employed during the reference week, and: <ul style="list-style-type: none"> <li>■ had actively looked for full-time or part-time work at any time in the four weeks up to the end of the reference week and;</li> <li>■ were available for work in the reference week, or would have been available except for temporary illness (i.e. lasting for less than four weeks to the end of the reference week); or</li> <li>■ were waiting to start a new job within four weeks from the end of the reference week and would have started in the reference week if the job had been available then; or</li> <li>■ were waiting to be called back to a full-time or part-time job from which they had been stood down without pay for less than four weeks up to the end of the reference week (including the whole of the reference week) for reasons other than bad weather or plant breakdown.</li> </ul>
<b>Unemployment rate</b>	For any group, the number of unemployed persons expressed as a percentage of the labour force in the same group.

The Labour Force framework, showing the derivation of Unemployment and Participation rates.



# A

## STANDARD ERRORS OF ESTIMATES, VICTORIAN LABOUR FORCE REGIONS, FROM SEPTEMBER 1992

Size of estimate	Victoria; Melbourne										Loddon-Campaspe-Mallee; Goulburn-Ovens-Murray									
	Balance of Victoria					South Eastern					Barwon-Western District					Central Highlands-Wimmera				
	MSR;					Outer Melbourne					Western District					Highlands-Wimmera				
	MSR	Western Melbourne	North Western Melbourne	Outer Western Melbourne	Inner Melbourne	North Eastern Melbourne	Inner Eastern Melbourne	Southern Melbourne	Outer Eastern Melbourne	Melbourne Peninsula	Western District	Highlands-Wimmera	Central Highlands-Wimmera	All Gippsland	Ovens-Murray					
300	290	230	230	230	250	250	240	270	260	250	270	270	290	290	270					
500	380	300	300	300	330	330	310	350	330	320	350	350	370	370	350					
700	450	360	360	350	390	390	370	420	400	380	420	420	440	440	420					
1 000	540	430	430	420	460	460	440	500	480	450	500	500	530	530	500					
1 500	670	530	530	520	570	570	550	620	590	560	610	610	660	650	610					
2 000	770	610	610	600	660	660	630	720	680	640	710	710	760	760	710					
2 500	860	690	690	680	740	740	710	810	760	720	800	800	850	850	800					
3 000	940	750	750	740	810	810	780	890	830	790	880	880	940	930	880					
4 000	1 100	870	870	860	940	940	900	1 050	970	920	1 000	1 000	1 100	1 100	1 000					
5 000	1 200	980	980	970	1 050	1 050	1 000	1 150	1 100	1 050	1 150	1 150	1 200	1 200	1 150					
7 000	1 400	1 150	1 150	1 150	1 250	1 250	1 200	1 350	1 300	1 250	1 350	1 350	1 450	1 450	1 350					
10 000	1 650	1 400	1 400	1 400	1 500	1 500	1 450	1 650	1 550	1 500	1 650	1 650	1 750	1 750	1 650					
15 000	2 000	1 750	1 750	1 700	1 850	1 850	1 800	2 350	2 250	2 100	2 350	2 350	2 500	2 500	2 350					
20 000	2 250	2 000	2 000	2 000	2 150	2 200	2 100	2 350	2 250	2 100	2 350	2 350	2 500	2 500	2 350					
30 000	2 700	2 500	2 500	2 450	2 700	2 700	2 550	2 900	2 750	2 600	2 900	2 900	3 100	3 050	2 900					
50 000	3 300	3 250	3 250	3 200	3 500	3 500	3 350	3 800	3 600	3 450	3 800	3 800	4 050	4 000	3 800					
70 000	3 800	3 900	3 900	3 850	4 200	4 200	4 000	4 550	4 300	4 100	4 500	4 500	4 850	4 800	4 500					
100 000	4 400	4 700	4 700	4 650	5 100	5 100	4 850	5 500	5 200	4 950	5 500	5 500	5 800	5 800	5 500					
150 000	5 200	5 800	5 800	5 700	6 300	6 300	6 000	6 800	6 400	6 100	6 800	6 800	7 200	7 200	6 800					
200 000	5 800	6 800	6 800	6 700	7 300	7 300	7 000	8 000	7 500	7 100	7 900	7 900	8 400	8 400	7 900					
300 000	6 700	8 400	8 400	8 300	9 100	9 100	8 700	9 900	9 300	8 900	9 800	9 800	10 400	10 400	9 800					
500 000	8 100	11 100	11 100	10 900	11 190	12 000	11 400	13 000	12 300	11 700	12 900	12 900	13 700	13 600	12 900					
1 000 000	10 400																			
2 000 000	13 100																			
5 000 000	17 600																			
25% RSE	4 600	3 000	3 000	2 900	3 500	3 600	3 200	4 200	3 700	3 400	4 100	4 700	4 700	4 700	4 200					

MSR = Major Statistical Region  
RSE = Relative Standard Error

# B

## STANDARD ERRORS OF ESTIMATES OF MONTHLY MOVEMENTS, VICTORIAN LABOUR FORCE REGIONS, FROM JANUARY 1993

Size of larger estimate	Victoria; Melbourne										South Eastern					Loddon- Campaspe- Mallee; Goulburn- Ovens- Murray		
	MSR;																	
	Balance of Victoria	MSR	North Western Melbourne	North Western Melbourne	Outer Western Melbourne	Inner Melbourne	North Eastern Melbourne	Inner Eastern Melbourne	Southern Melbourne	Outer Eastern Melbourne	Outer Melbourne	Melbourne	Mornington Peninsula	Barwon- Western District	Central Highlands- Wimmera	All Gippsland		
300	380	170	210	220	200	210	210	210	210	210	210	210	230	210	230	230	230	230
500	460	220	260	270	250	270	270	270	260	260	260	260	280	260	280	290	280	280
700	510	250	300	310	290	310	310	310	300	300	300	300	330	300	330	340	330	330
1 000	590	290	350	370	340	360	360	360	350	350	350	350	380	350	380	400	380	380
1 500	680	350	420	440	400	430	430	430	420	420	420	420	450	420	460	470	460	460
2 000	760	390	470	500	460	490	490	490	480	480	480	480	520	470	520	540	520	520
2 500	820	430	520	550	500	540	540	540	520	520	520	520	570	520	570	590	570	570
3 000	880	470	560	590	540	580	580	580	570	570	570	570	610	560	620	640	620	620
4 000	980	530	640	670	620	660	660	660	640	640	640	640	700	640	700	730	700	700
5 000	1 050	580	700	740	680	730	730	730	710	710	710	710	770	700	770	800	770	770
7 000	1 200	680	820	850	790	840	840	840	820	820	820	820	890	810	890	930	890	890
10 000	1 350	790	950	1 000	920	980	980	980	960	960	960	960	1 050	950	1 050	1 100	1 050	1 050
15 000	1 600	940	1 150	1 200	1 100	1 150	1 150	1 150	1 150	1 150	1 150	1 150	1 250	1 150	1 250	1 300	1 250	1 250
20 000	1 750	1 050	1 300	1 350	1 250	1 350	1 350	1 350	1 300	1 300	1 300	1 300	1 400	1 300	1 400	1 450	1 400	1 400
30 000	2 050	1 250	1 550	1 600	1 500	1 600	1 600	1 600	1 550	1 550	1 550	1 550	1 650	1 500	1 700	1 750	1 700	1 700
50 000	2 450	1 600	1 900	2 000	1 850	1 950	1 950	1 950	1 900	1 900	1 900	1 900	2 100	1 900	2 100	2 200	2 100	2 100
70 000	2 800	1 850	2 200	2 300	2 150	2 300	2 300	2 300	2 250	2 250	2 250	2 250	2 400	2 200	2 450	2 550	2 450	2 450
100 000	3 200	2 150	2 600	2 700	2 500	2 650	2 650	2 650	2 600	2 600	2 600	2 600	2 800	2 550	2 850	2 950	2 850	2 850
150 000	3 700	2 550	3 100	3 200	2 950	3 200	3 200	3 200	3 100	3 100	3 100	3 100	3 350	3 050	3 400	3 550	3 400	3 400
200 000	4 100	2 900	3 500	3 650	3 350	3 600	3 600	3 600	3 500	3 500	3 500	3 500	3 800	3 450	3 850	4 000	3 800	3 800
300 000	4 800	3 450	4 150	4 350	4 000	4 300	4 300	4 300	4 200	4 150	4 150	4 150	4 500	4 150	4 550	4 800	4 550	4 550
500 000	5 800	4 300	5 200	5 400	5 000	5 400	5 400	5 400	5 200	5 200	5 200	5 200	5 600	5 200	5 700	6 000	5 700	5 700
1 000 000	7 400																	
2 000 000	9 600																	
5 000 000	13 400																	

MSR = Major Statistical Region

**NOTE:** When comparing quarterly movements multiply standard error by 1.1  
When comparing annual movements multiply standard error by 1.3

Region	Person estimates	Hours worked	Average hours worked	Average duration of unemployment	Median duration of unemployment
New South Wales	5 300	7 400	2 700	8 600	18 800
Victoria	4 600	6 500	2 300	7 500	16 500
Queensland	3 500	5 000	1 800	5 800	12 600
South Australia	2 400	3 400	1 300	4 000	8 600
Western Australia	2 900	4 000	1 500	4 600	9 900
Tasmania	1 300	1 800	700	2 100	4 400
Northern Territory	1 300	1 800	700	2 100	4 700
Australian Capital Territory	1 000	1 300	500	1 500	3 200
Australia	4 000	5 700	1 900	6 800	15 800
Standard error factor	..	1.2	0.7	1.3	2.0

**NOTE:** Relative standard errors of *hours worked*, *average hours worked*, *average duration of unemployment* and *median duration of unemployment* are obtained by first finding the relative standard error of the total number of persons contributing to the estimate (from Table A) and then multiplying that figure by the listed standard error factor.

### SUPPLEMENTARY AND SPECIAL SURVEYS

The supplementary and special surveys collect data on particular aspects of the labour force. The following is an historical list of supplementary and special labour force surveys. The data are available in publication form, by subscription or on request. It may be possible to order unpublished data on the following supplementary and special surveys by contacting the ABS.

<i>Title of Survey</i>	<i>Catalogue No./ Product No.</i>
Career Experience, Australia. Irregular. Latest issue November 1996	6254.0
Career Paths of Persons with Trade Qualifications, Australia. Irregular. Latest issue 1993	6243.0
Child Care, Australia. Irregular. Latest issue March 1996	4402.0
Employment Benefits, Australia. Irregular. Latest issue August 1994	6334.0.40.001
Job Search Experience of Unemployed Persons, Australia. Annual. Latest issue July 1997	6222.0
Labour Force Experience, Australia. Two-yearly. Latest issue February 1997	6206.0
Labour Force Status and Educational Attainment, Australia. Final issue February 1994	6235.0
Labour Force Status and Other Characteristics of Families, Australia. Annual. Latest issue June 1997	6224.0
Labour Force Status and Other Characteristics of Migrants, Australia. Irregular. Latest issue November 1996	6250.0
Labour Mobility, Australia. Two-yearly. Latest issue February 1996	6209.0
Multiple Jobholding, Australia. Irregular. Latest issue August 1994	6216.0.40.001
Participation in Education, Australia. Annual. Latest issue September 1996	6272.0
Persons Employed at Home, Australia. Irregular. Latest issue September 1995	6275.0
Persons Not in the Labour Force, Australia. Annual. Latest issue September 1996	6220.0
Persons Who Had Re-entered the Labour Force, Australia. Three-yearly. Latest issue July 1995	6264.0.40.001
Persons Who Have Left the Labour Force, Australia. Irregular. Latest issue September 1994	6267.0.40.001
Retirement and Retirement Intentions, Australia. Three-yearly. Latest issue November 1994	6238.0.40.001
Successful and Unsuccessful Job Search Experience, Australia. Two-yearly. Latest issue July 1996	6245.0
Superannuation, Australia. Irregular. Latest issue November 1995	6319.0
Trade Union Members, Australia. Two-yearly. Latest issue August 1996	6325.0
Training and Education Experience, Australia. Irregular. Latest issue 1993	6278.0
Transition from Education to Work, Australia. Annual. Latest issue May 1996	6227.0
Underemployed Workers, Australia. Annual. Latest issue September 1996	6265.0
Weekly Earnings of Employees (Distribution), Australia. Annual. Latest issue August 1997	6310.0
Working Arrangements, Australia. Irregular. Latest issue August 1995	6342.0.40.001

**LOCAL GOVERNMENT AREA (LGA) COMPOSITION OF DISSEMINATION REGIONS, VICTORIA, FROM SEPTEMBER 1997**

**Melbourne Major Statistical Region**

**Outer Western Melbourne SR**

Brimbank (C)  
Hobsons Bay (C)  
Maribyrnong (C)  
Melton (S)  
Moonee Valley (C)  
Wyndham (C)

**North Western Melbourne SR**

Hume (C)  
Moreland (C)

**Inner Melbourne SR**

Melbourne (C)  
Port Phillip (C)  
Stonnington (C) - Prahran (SLA)  
Yarra (C)

**North Eastern Melbourne SR**

Banyule (C)  
Darebin (C)  
Nillumbik (S)  
Whittlesea (C)

**Inner Eastern Melbourne SR**

Boroondara (C)  
Manningham (C)  
Monash (C)  
Whitehorse (C)

**Southern Melbourne SR**

Bayside (C)  
Glen Eira (C)  
Kingston (C)  
Stonnington (C) - Malvern (SLA)

**Outer Eastern Melbourne SR**

Knox (C)  
Maroondah (C)  
Yarra Ranges (S) - Part A (SSD)

**South Eastern Melbourne SR**

Cardinia (S)  
Casey (C)  
Greater Dandenong (C)

**Mornington Peninsula SR**

Frankston (C)  
Mornington Peninsula (S)

(B) Borough

(C) City

(RC) Rural City

(S) Shire

(SLA) Statistical Local Area

(SSD) Statistical Sub-Division

**Balance of Victoria Major Statistical Region**

**Barwon-Western District SR**

Colac-Otway (S)  
Corangamite (S)  
Glenelg (S)  
Golden Plains (S)  
Greater Geelong (C)  
Moyne (S)  
Queenscliffe (B)  
Southern Grampians (S)  
Surf Coast (S)  
Warrnambool (C)  
Lady Julia Percy Island

**Central Highlands -Wimmera SR**

Ararat (RC)  
Ballarat (C)  
Hepburn (S)  
Hindmarsh (S)  
Horsham (RC)  
Moorabool (S)  
Northern Grampians (S)  
Pyrenees (S)  
West Wimmera (S)  
Yarriambiack (S)

**Loddon-Mallee SR**

Buloke (S)  
Central Goldfields (S)  
Gannawarra (S)  
Greater Bendigo (C)  
Loddon (S)  
Macedon Ranges (S)  
Mildura (RC)  
Mount Alexander (S)  
Swan Hill (RC)

**Goulburn-Ovens-Murray SR**

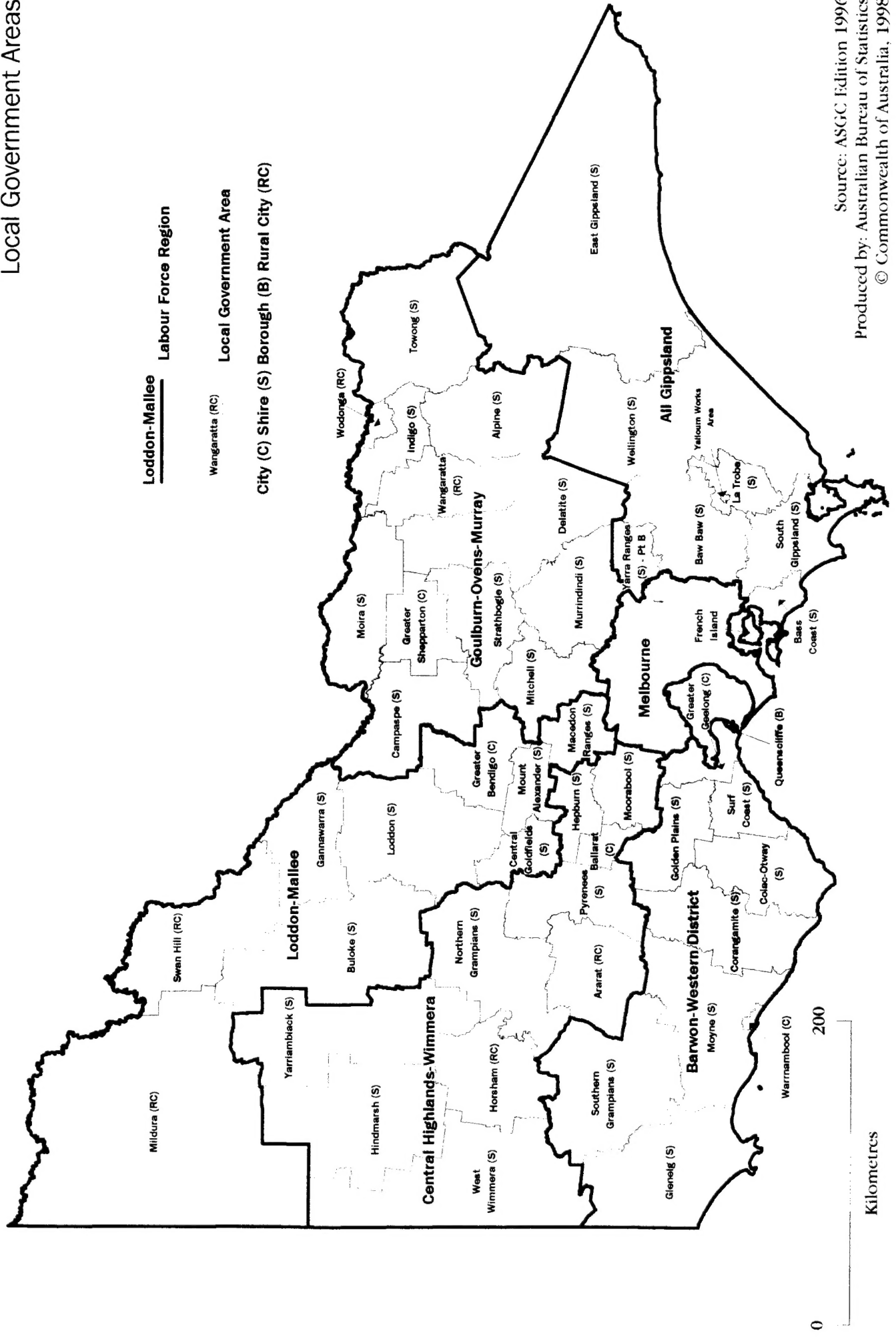
Alpine (S)  
Campaspe (S)  
Delatite (S)  
Greater Shepparton (C)  
Indigo (S)  
Mitchell (S)  
Moir (S)  
Murrindindi (S)  
Strathbogie (S)  
Towong (S)  
Wangaratta (RC)  
Wodonga (RC)

**All Gippsland SR**

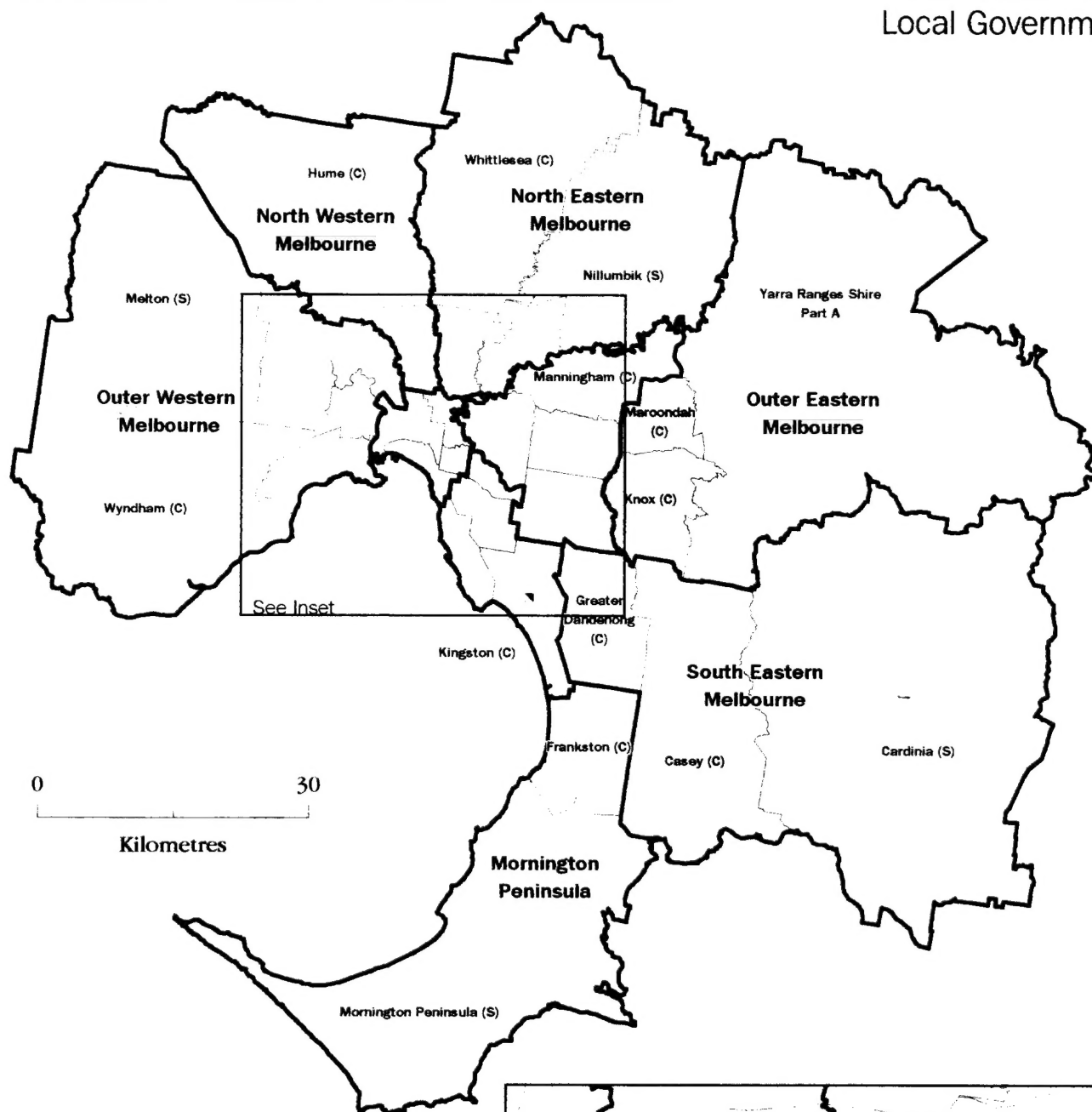
Bass Coast (S)  
Baw Baw (S)  
East Gippsland (S)  
La Trobe (S)  
South Gippsland (S)  
Wellington (S)  
Yarra Ranges (S) - Part B (SLA)  
Yallourn Works Area  
Bass Strait Islands  
French Island  
Off Shore Areas & Migratory

Victoria - Labour Force Dissemination Regions, September 1997 -

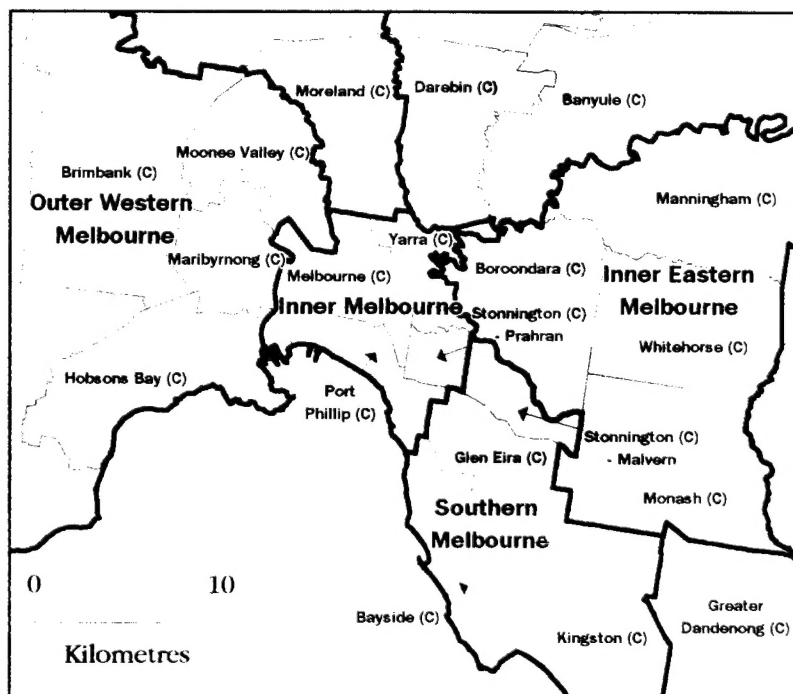
## Local Government Areas



Source: ASGC Edition 1996  
Produced by: Australian Bureau of Statistics  
© Commonwealth of Australia, 1998



**Inner Melbourne**  
**Labour Force Region**  
**Whitehorse (C)**  
**Local Government Area**



## ***For more information . . .***

The ABS publishes a wide range of statistics and other information on Australia's economic and social conditions. Details of what is available in various publications and other products can be found in the ABS Catalogue of Publications and Products available from all ABS Offices.

### **ABS Products and Services**

Many standard products are available from ABS bookshops located in each State and Territory. In addition to these products, information tailored to the needs of clients can be obtained on a wide range of media by contacting your nearest ABS Office. The ABS also provides a Subscription Service for standard products and some tailored information services.

### **National Dial-a-Statistic Line**

**0055 86 400**

*Steadycom P/L: premium rate 25c/20 secs.*

This number gives 24-hour access, 365 days a year, for a range of important economic statistics including the CPI.

### **Internet**

<http://www.abs.gov.au>

A wide range of ABS information is available via the Internet, with basic statistics available for each State, Territory and Australia. We also have Key National Indicators, ABS product release details and other information of general interest.

## ***Sales and Inquiries***

[client.services@abs.gov.au](mailto:client.services@abs.gov.au)

National Mail Order Service  
Subscription Service

(02) 6252 5249  
1300 366323

	<b>Information Inquiries</b>	<b>Bookshop Sales</b>
CANBERRA	(02) 6252 6627	(02) 6207 0326
SYDNEY	(02) 9268 4611	(02) 9268 4620
MELBOURNE	(03) 9615 7755	(03) 9615 7755
BRISBANE	(07) 3222 6351	(07) 3222 6350
PERTH	(09) 360 5140	(09) 360 5307
ADELAIDE	(08) 8237 7100	(08) 8237 7582
HOBART	(03) 6222 5800	(03) 6222 5800
DARWIN	(08) 8943 2111	(08) 8943 2111



Client Services, ABS, PO Box 10, Belconnen ACT 2616

Produced by the Australian Government Publishing Service  
© Commonwealth of Australia 1998

**Recommended retail price: \$18.50**



**2620220011976**

ISSN 1030-536X